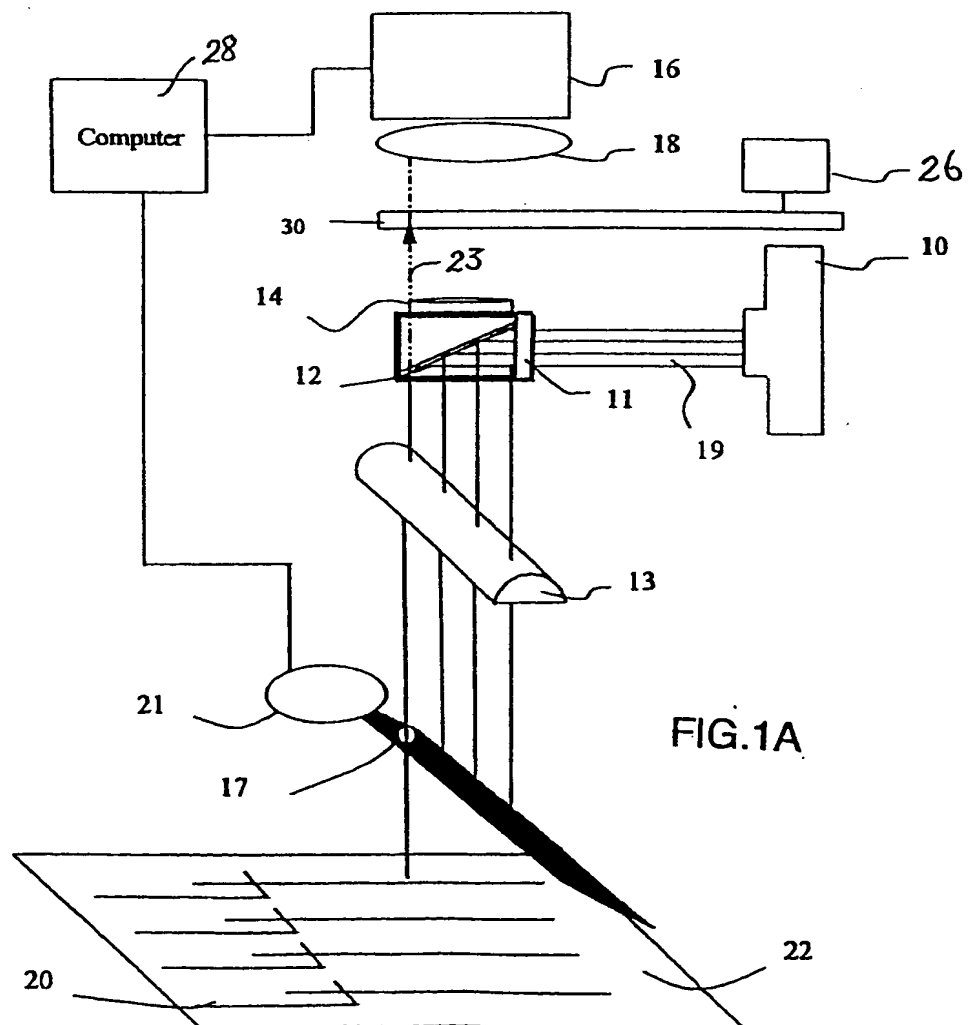
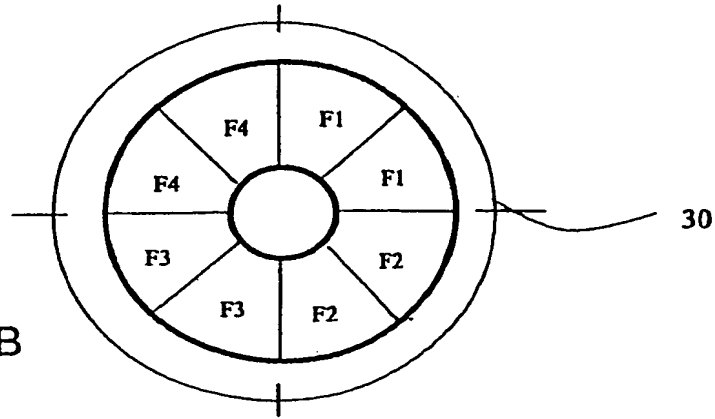


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FIG.1B



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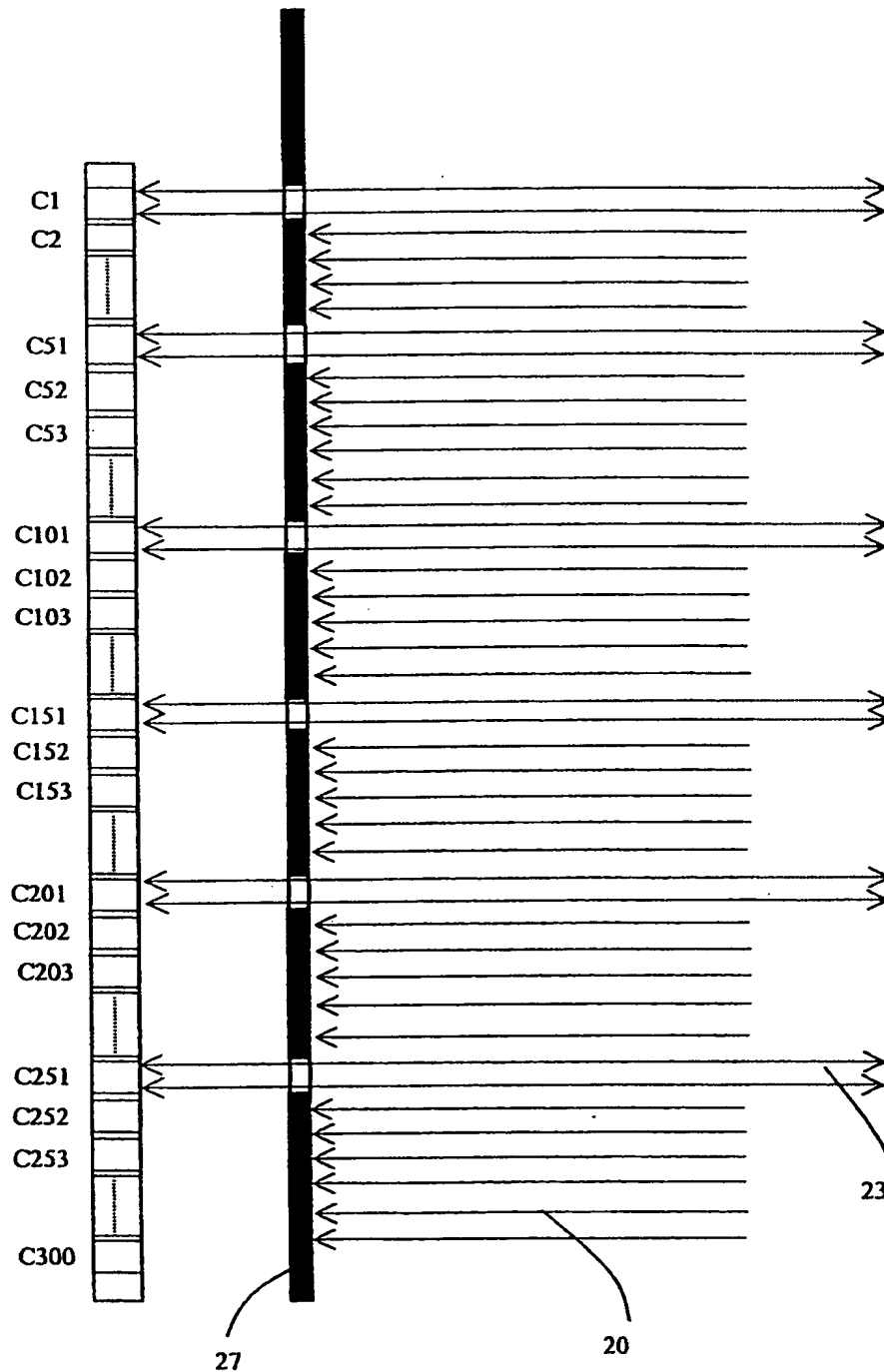
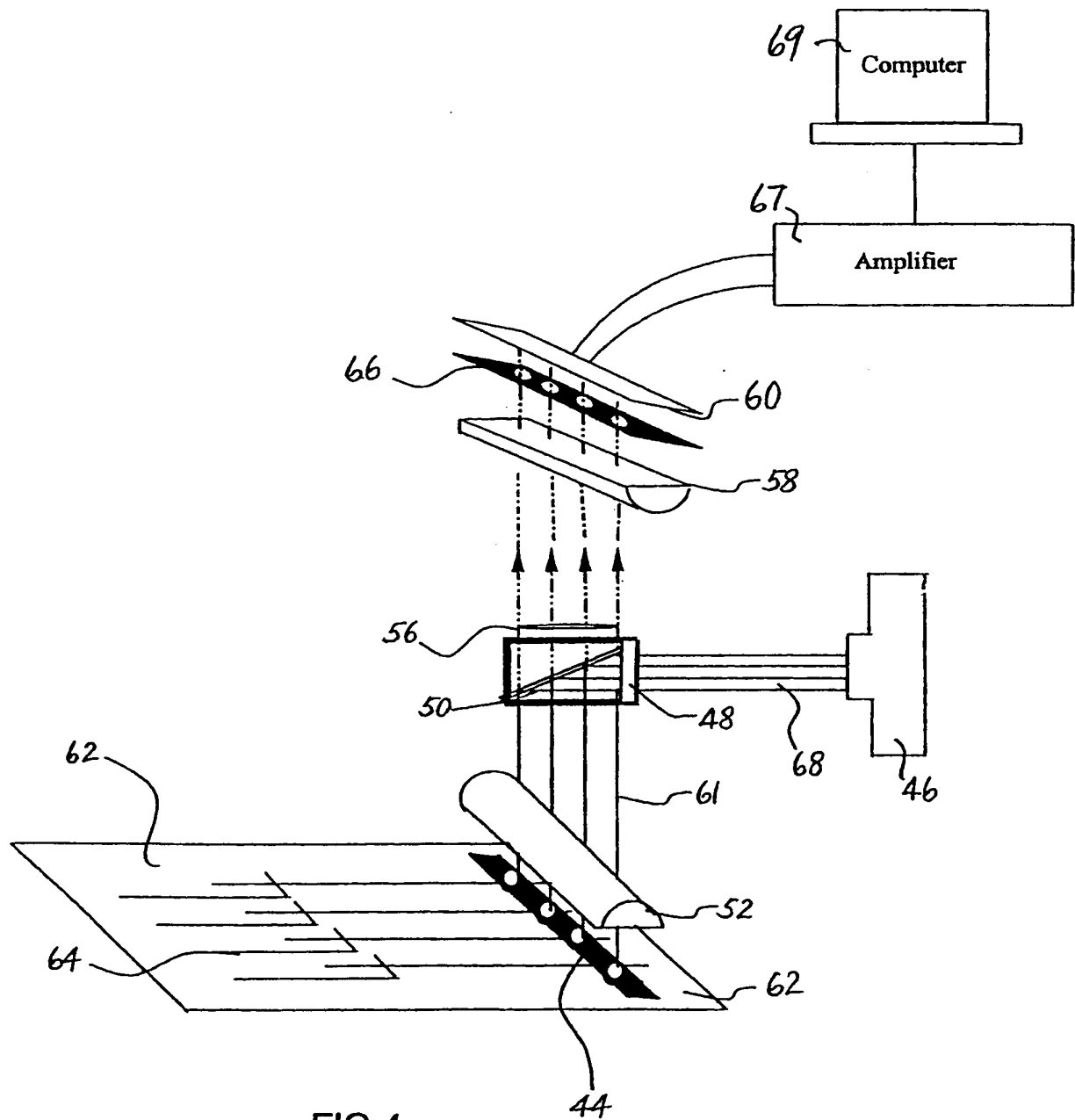


FIG.2

A circular cross-section is shown, divided vertically into two equal halves. The left half is labeled **F1** and the right half is labeled **F2**. A reference numeral **42** with a leader line points to the right half of the circle.

FIG.3A

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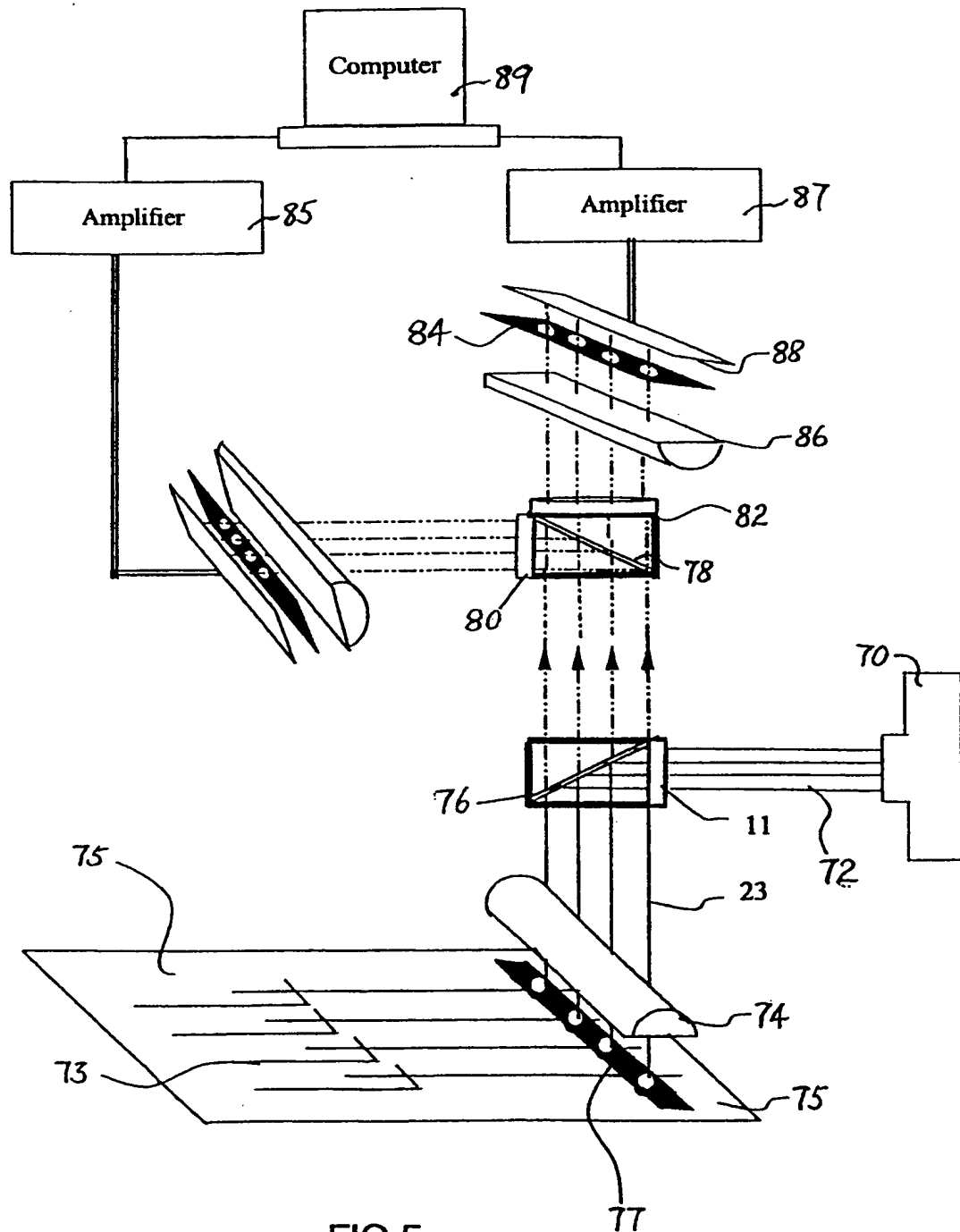
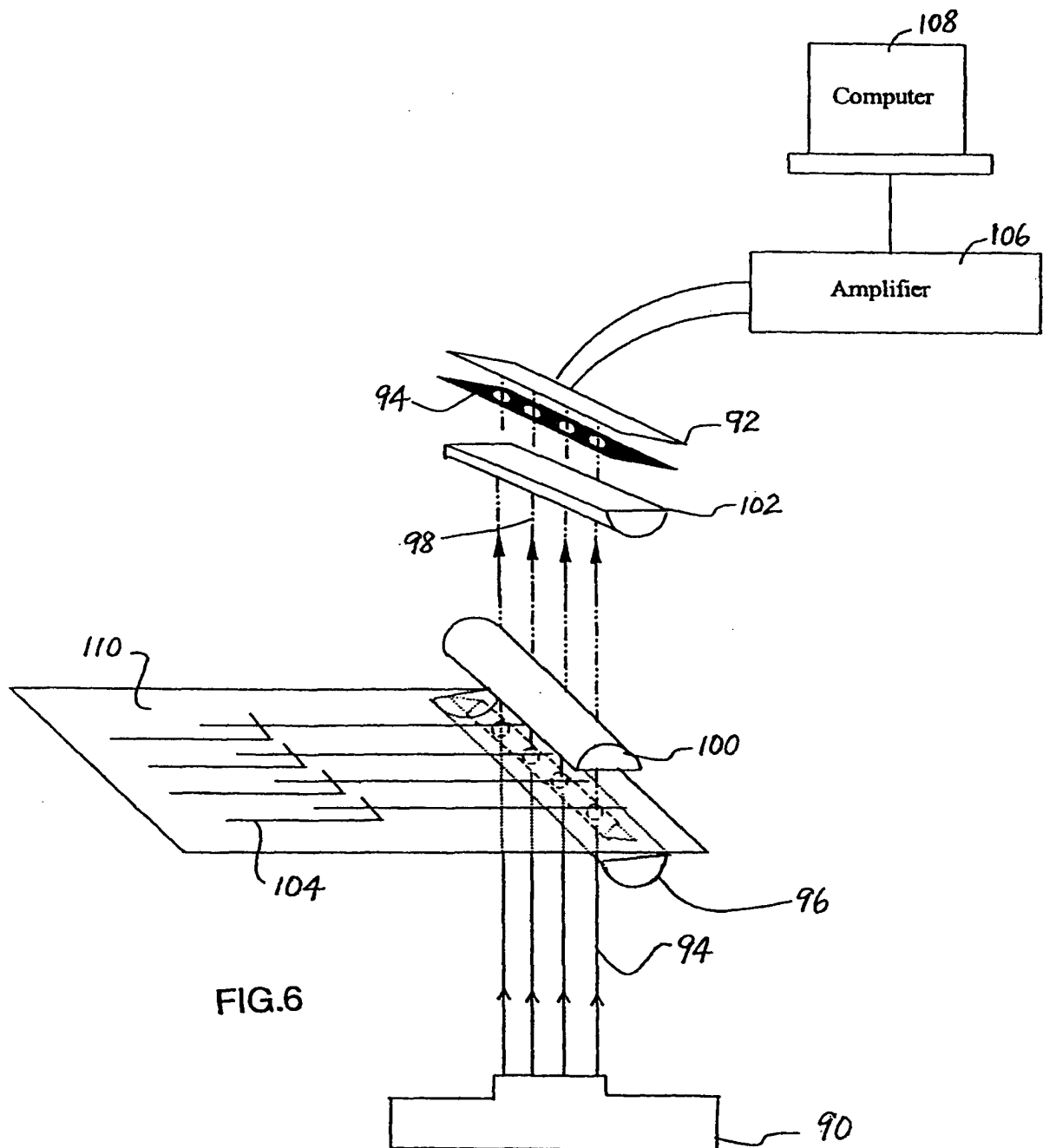


FIG.5

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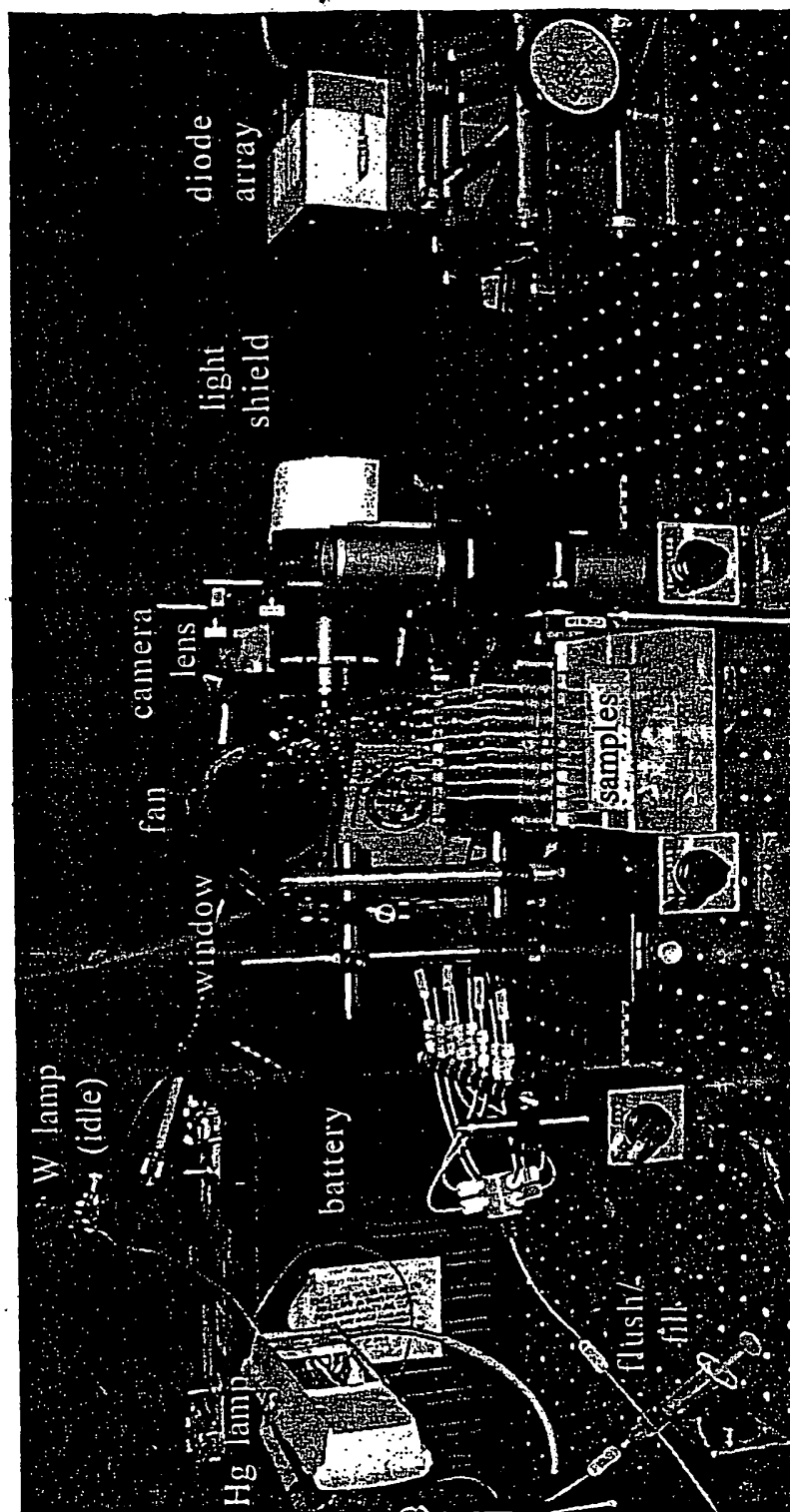


FIG. 1

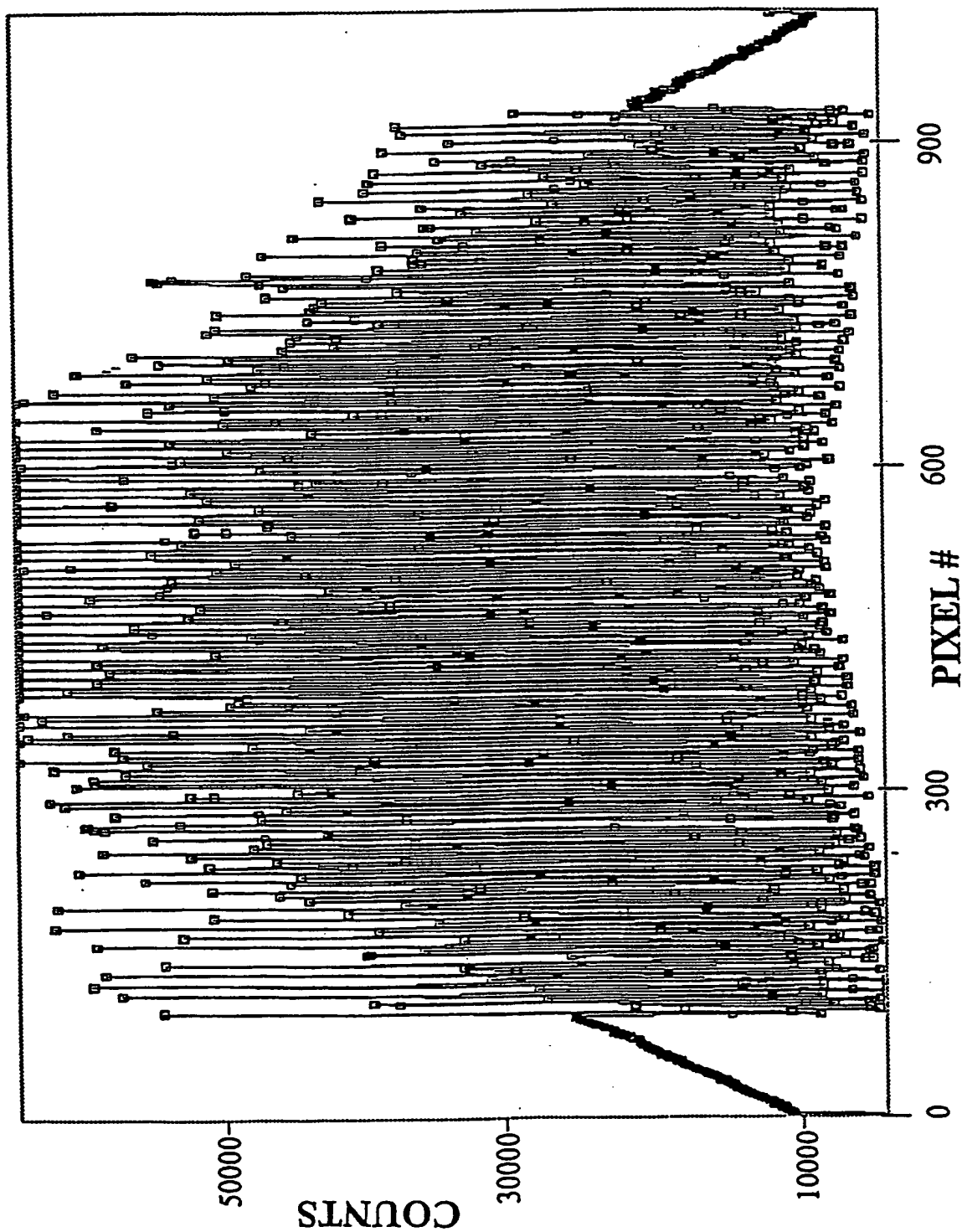


FIG. 2A

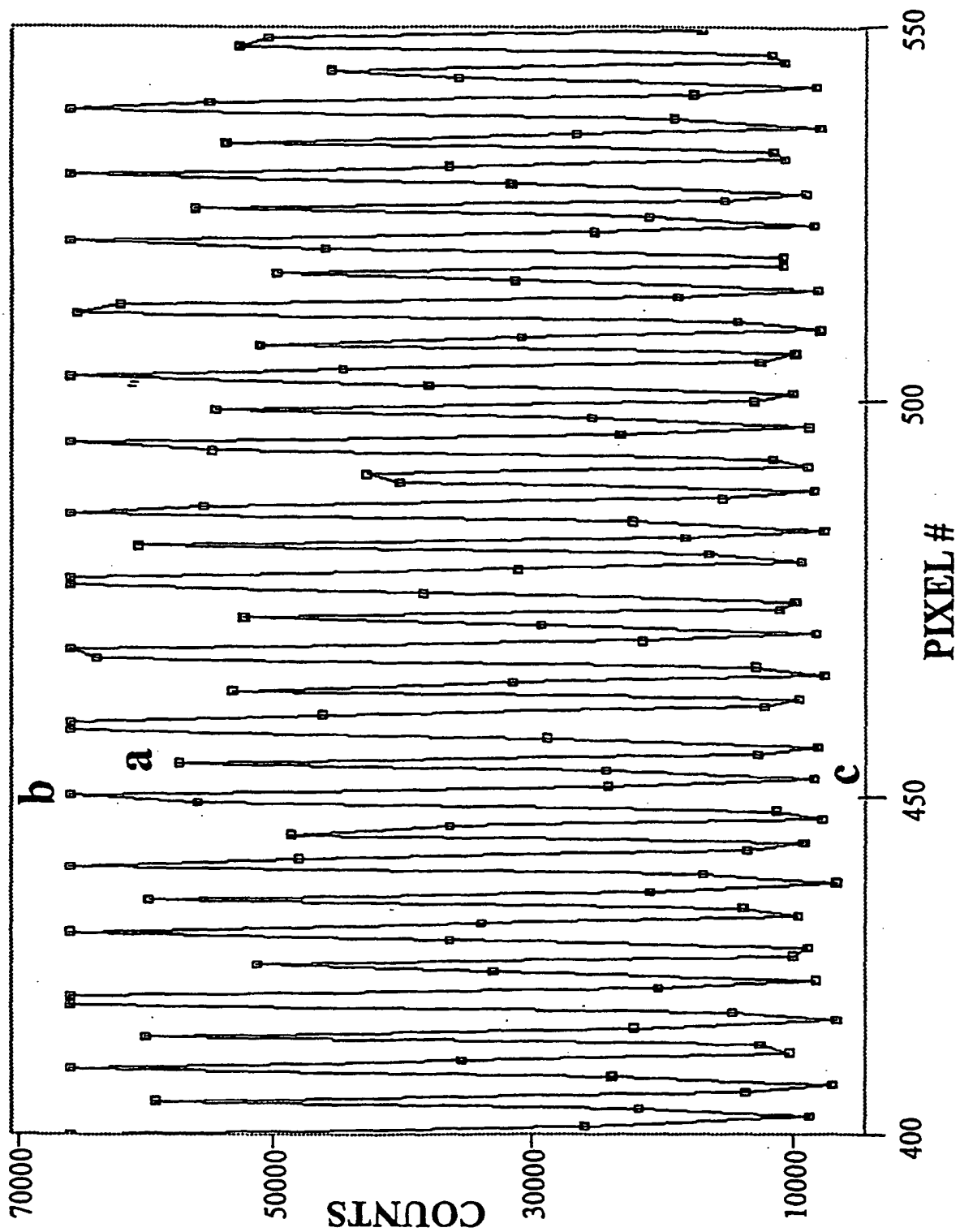


FIG. 2B

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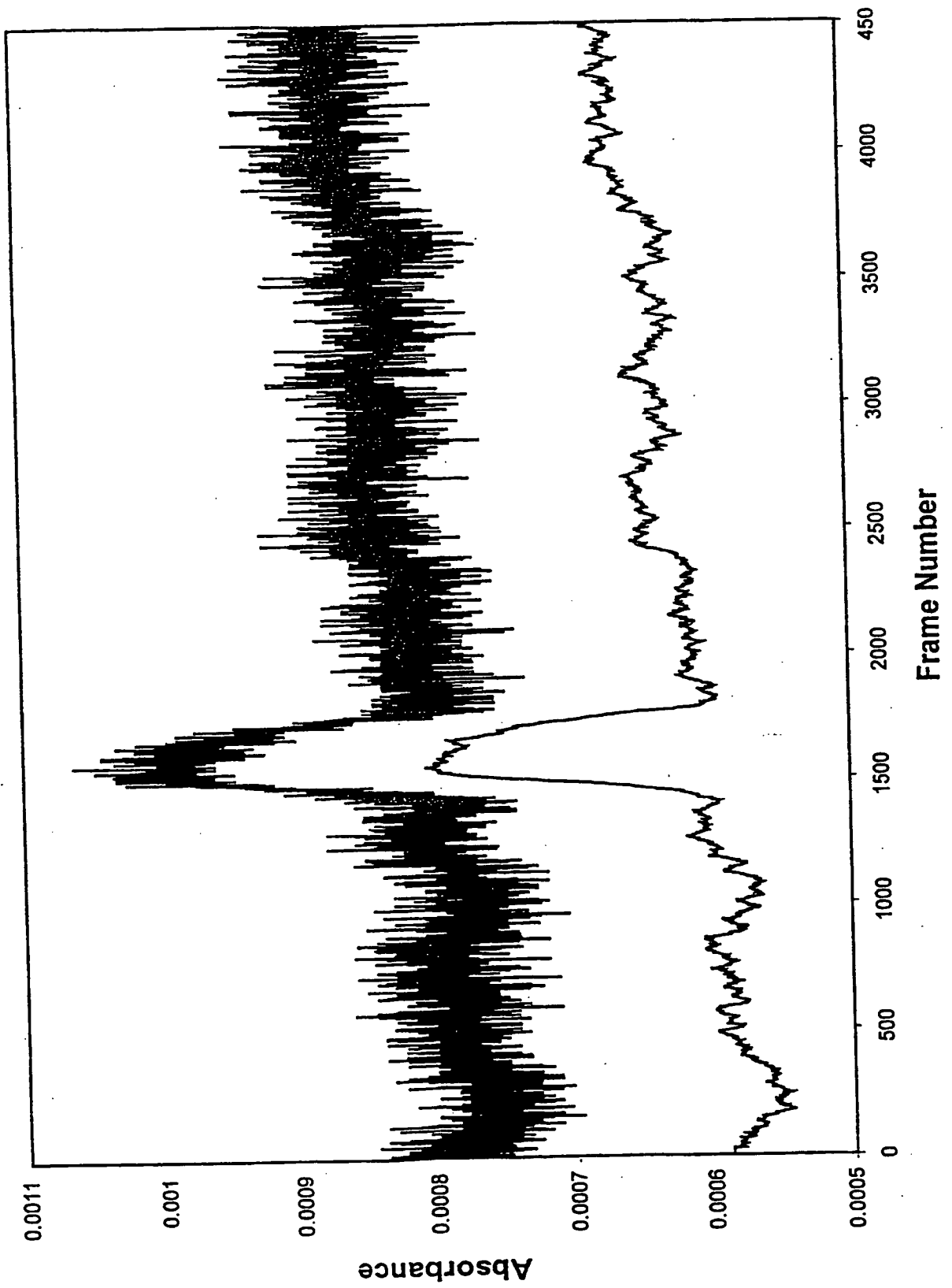


FIG. 3

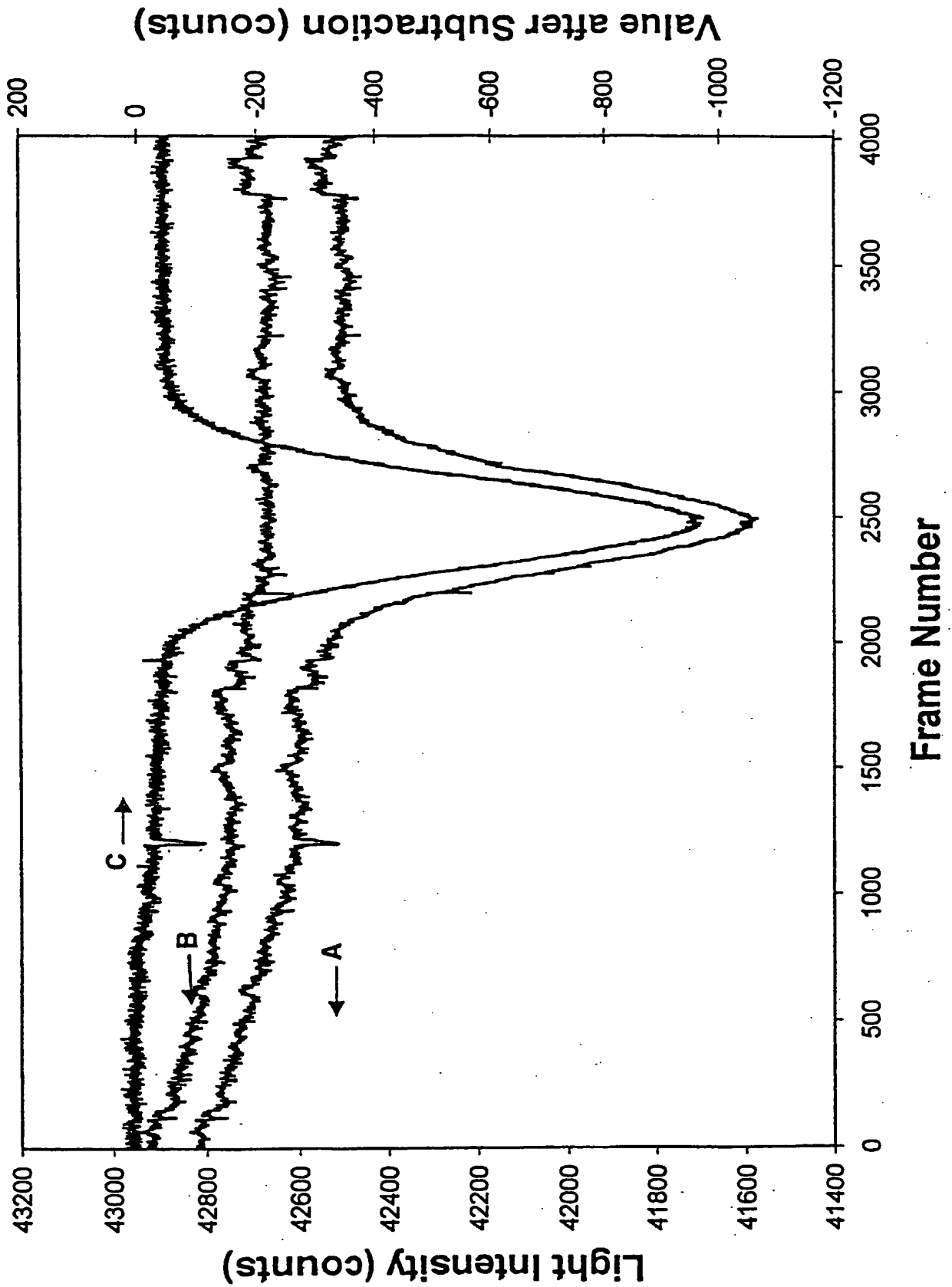


FIG. 4

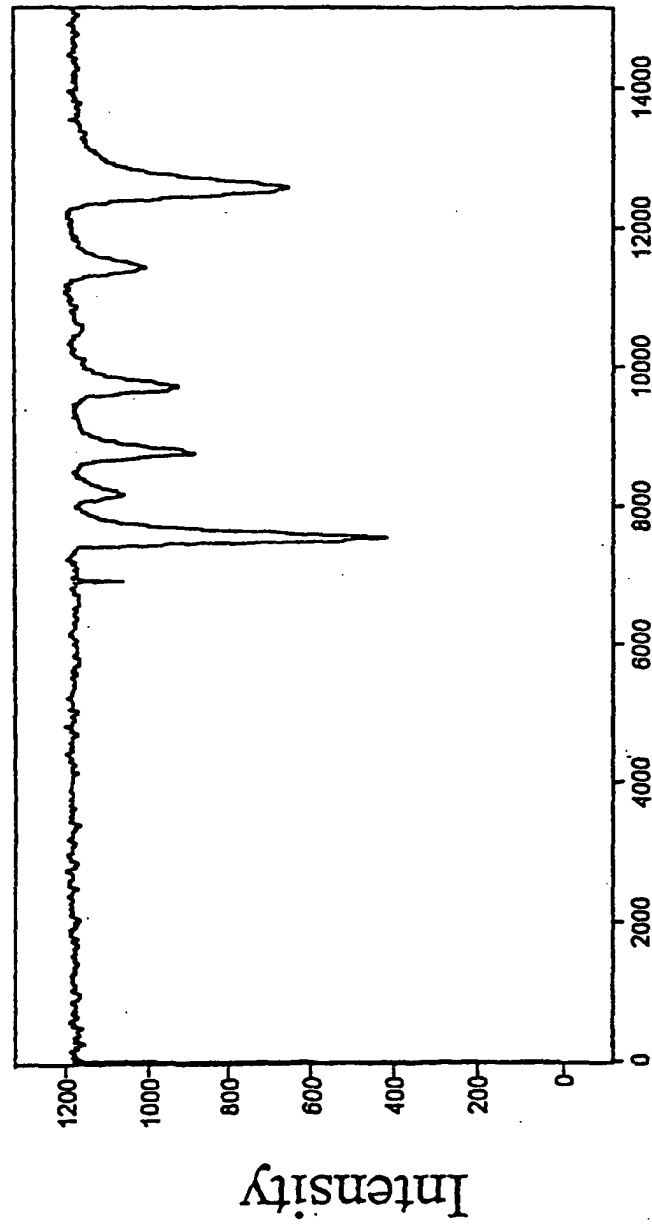


FIG. 5

Frame Number

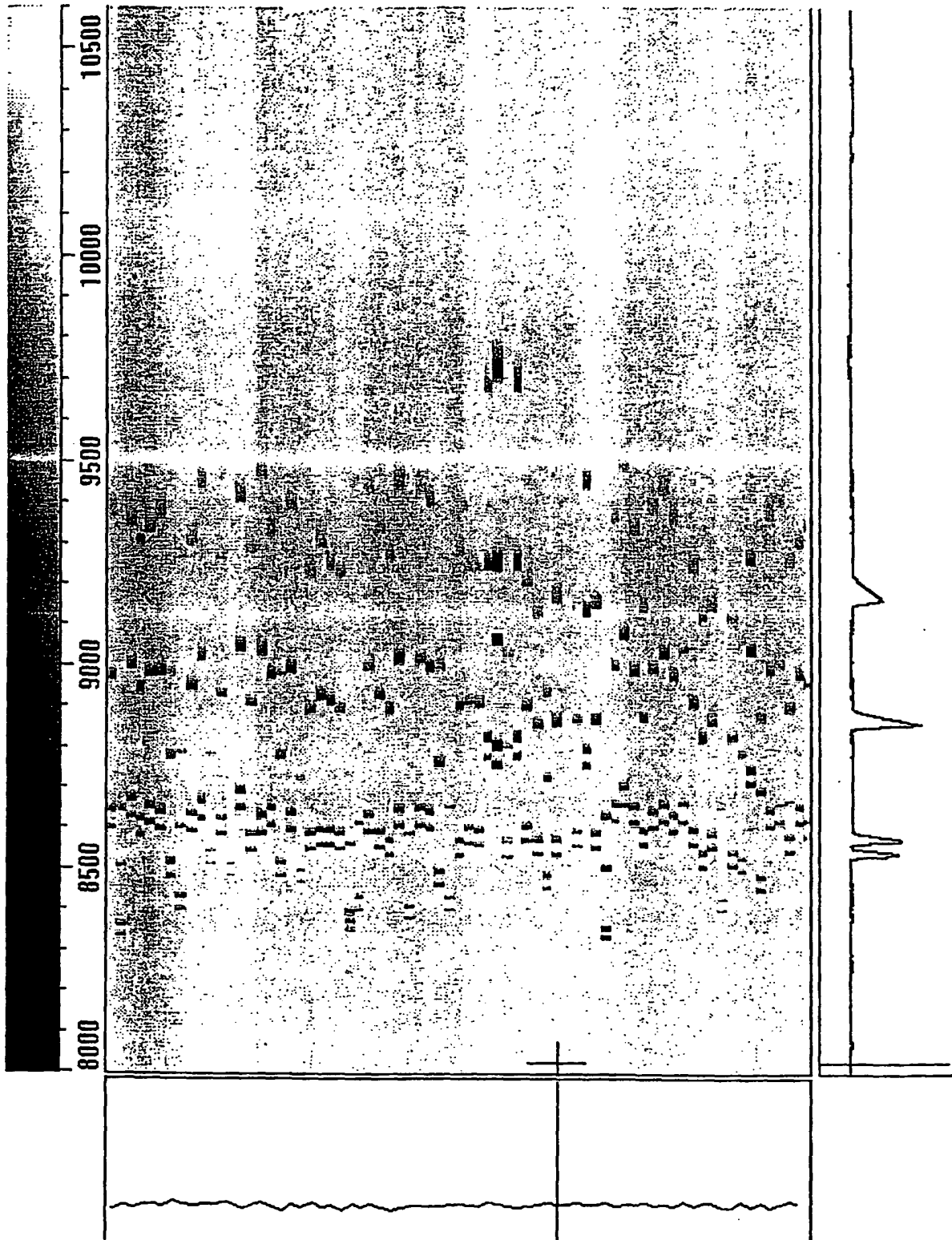


FIG. 6

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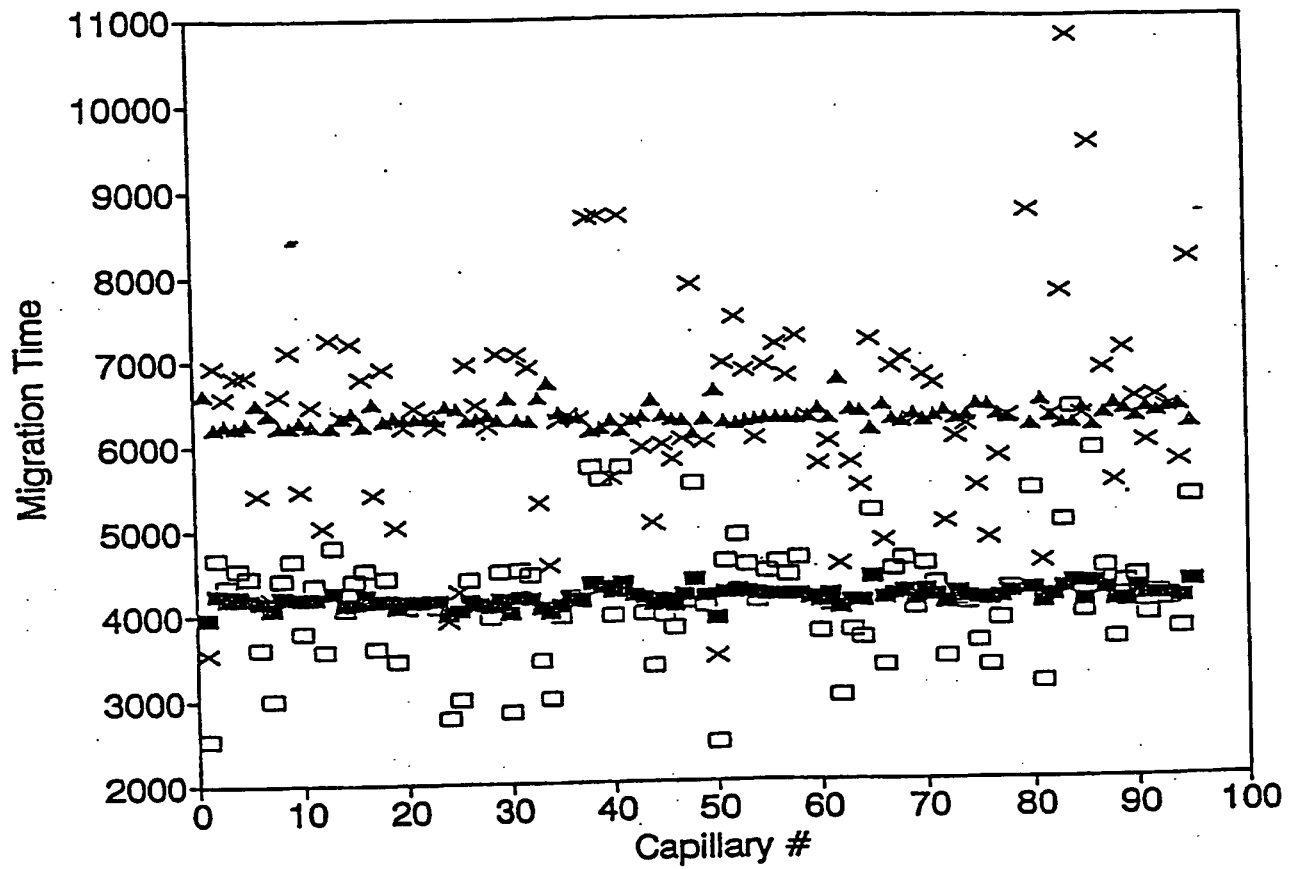


FIG. 7

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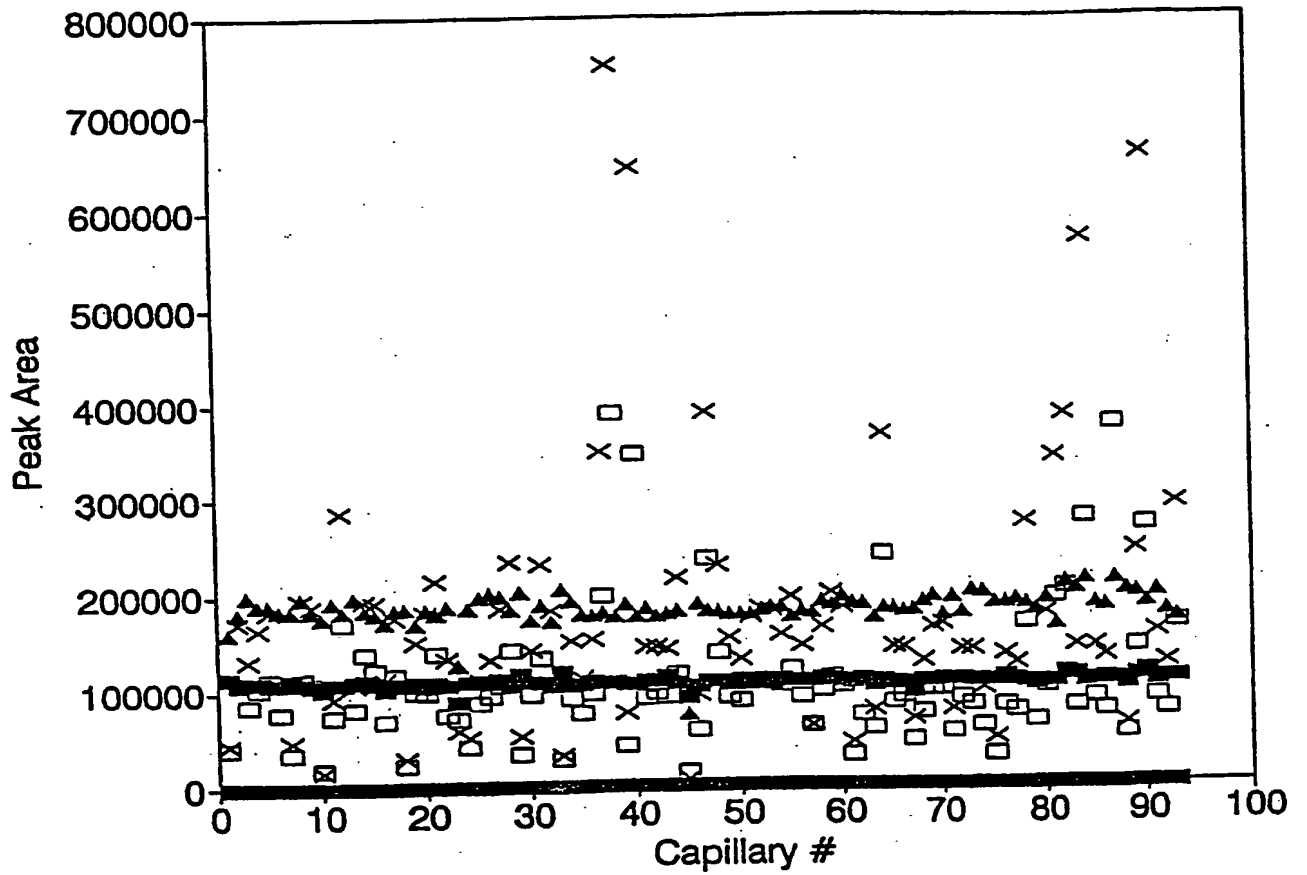


FIG. 8

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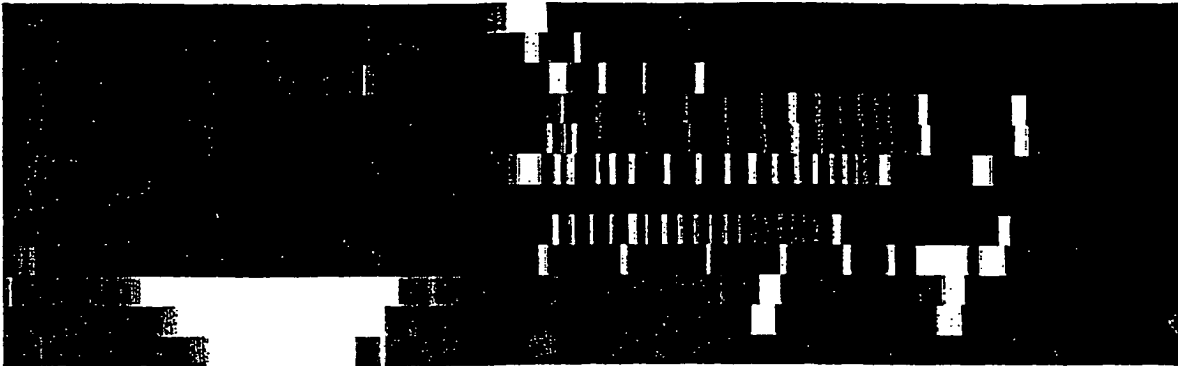


FIG. 9

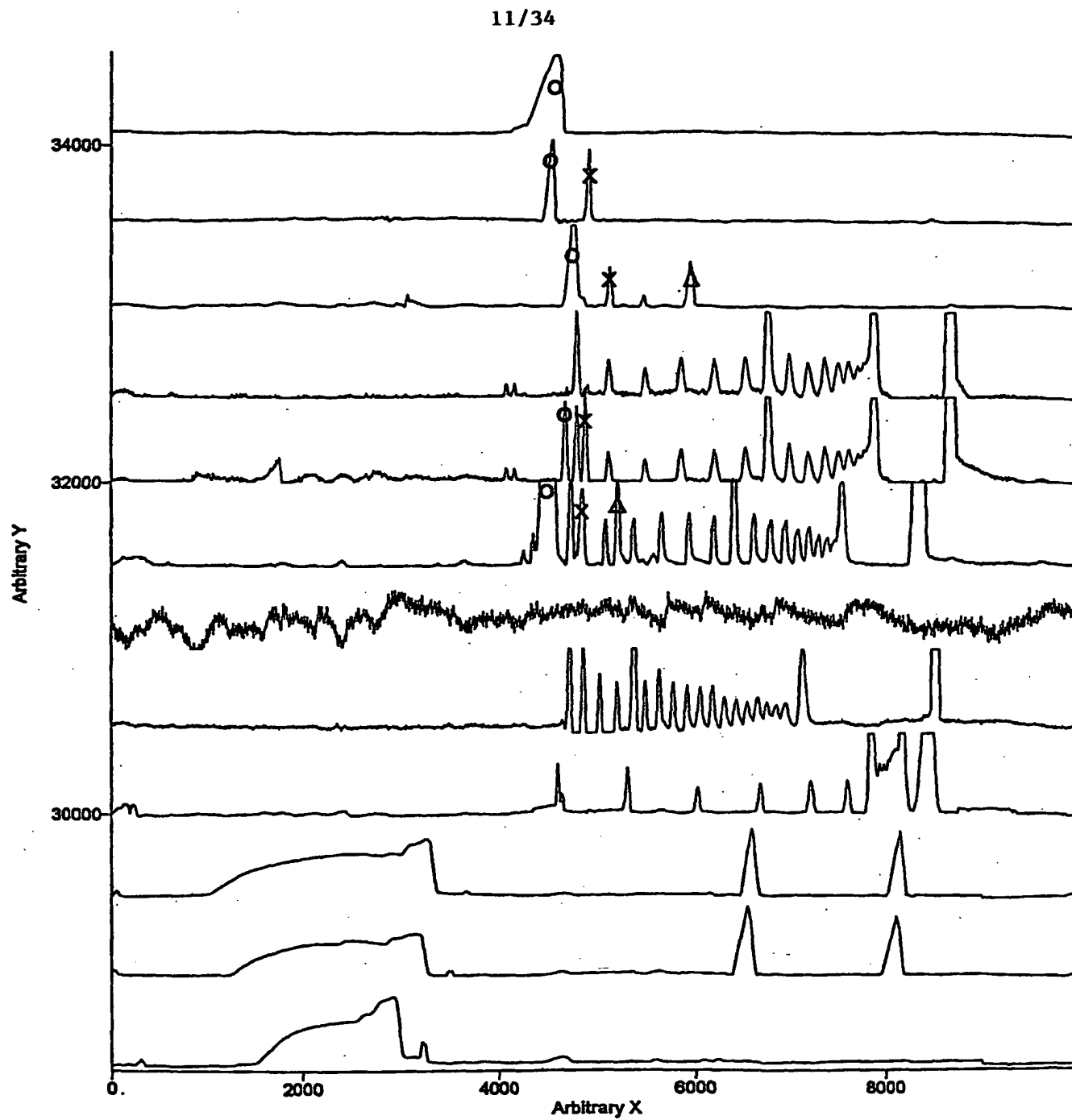


FIG. 10

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1 11 21 31
H₂N-L-I-V-T-Q-T-M-K-G-L-D-I-Q-K-V-A-G-T-W-Y-S-L-A-M-A-A-S-D-I-S-L-L-D-A-Q-S-A-P-L-R-
41 51 61 71
V-Y-V-E-E-L-K-P-T-P-E-G-D-L-E-I-L-L-Q-K-W-E-N-G-E-C-A-Q-K-K-I-I-A-E-K-T-K-I-P-A-
81 91 101 111
V-F-K-I-D-A-L-N-E-N-K-V-L-V-L-D-T-D-Y-K-K-Y-L-L-F-C-M-E-N-S-A-E-P-E-Q-S-L-A-C-Q-
121 131 141 151
C-L-V-R-T-P-E-V-D-D-E-A-L-E-K-F-D-K-A-L-K-A-L-P-M-H-I-R-L-S-F-N-P-T-Q-L-E-E-Q-C-
161
H-I-COOH

FIG. 11

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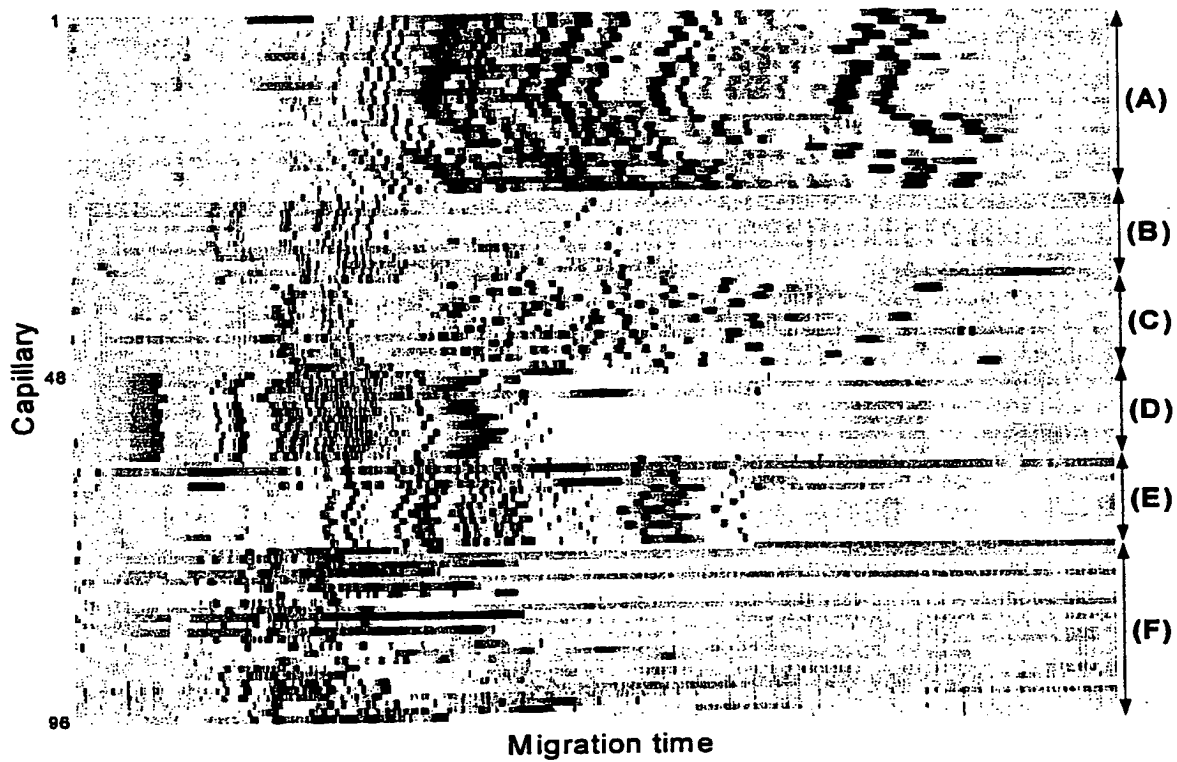


FIG. 12

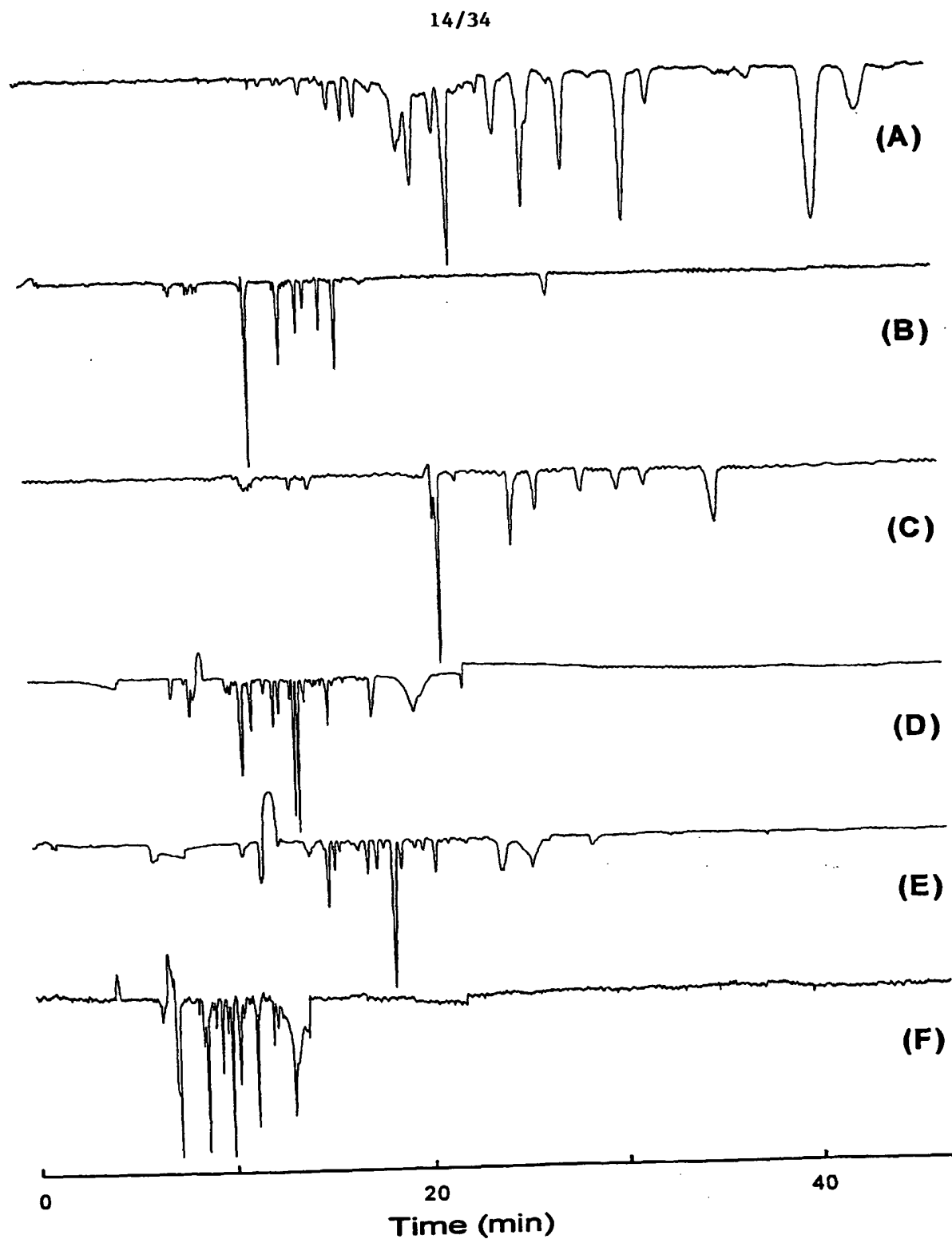


FIG. 13

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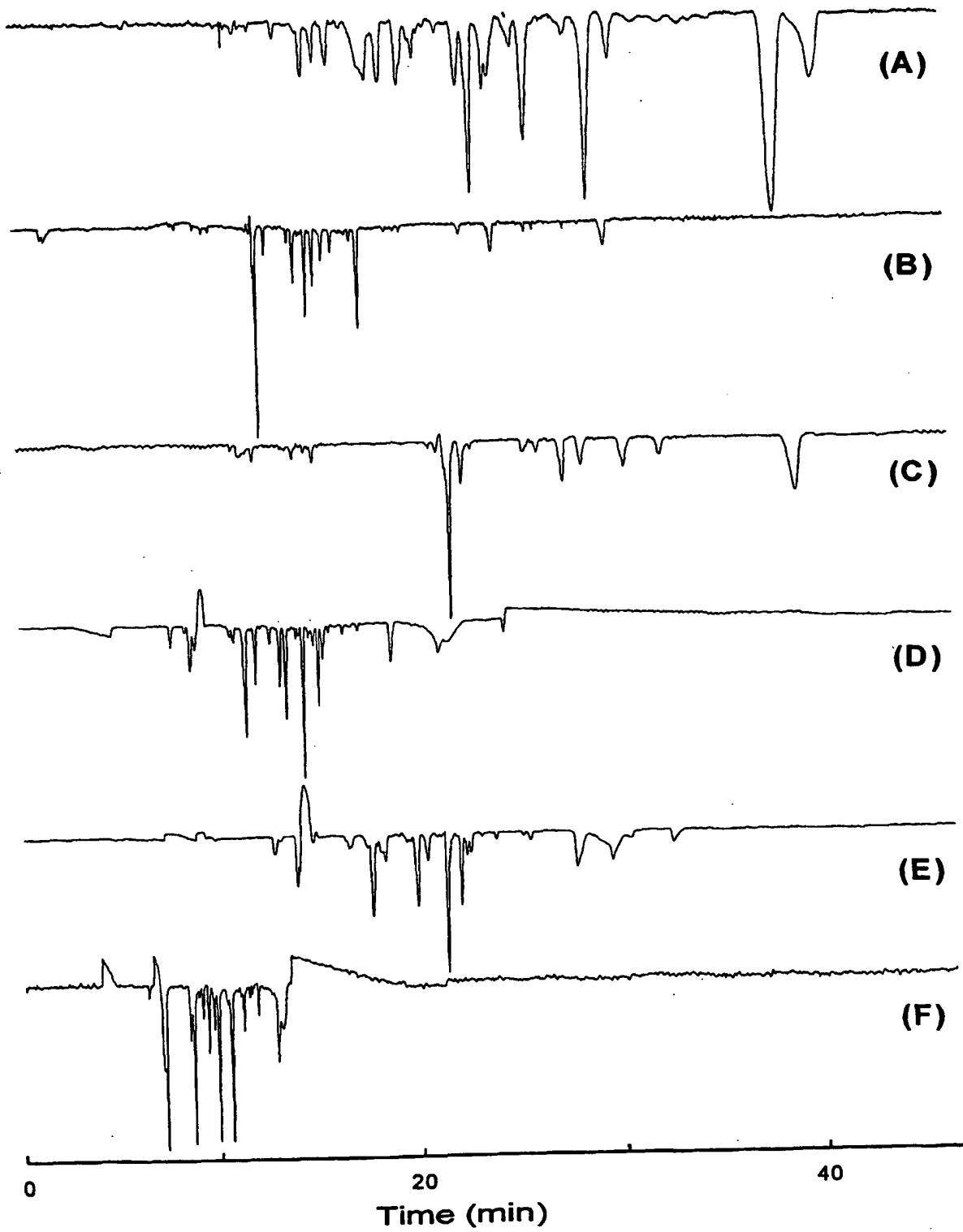


FIG. 14

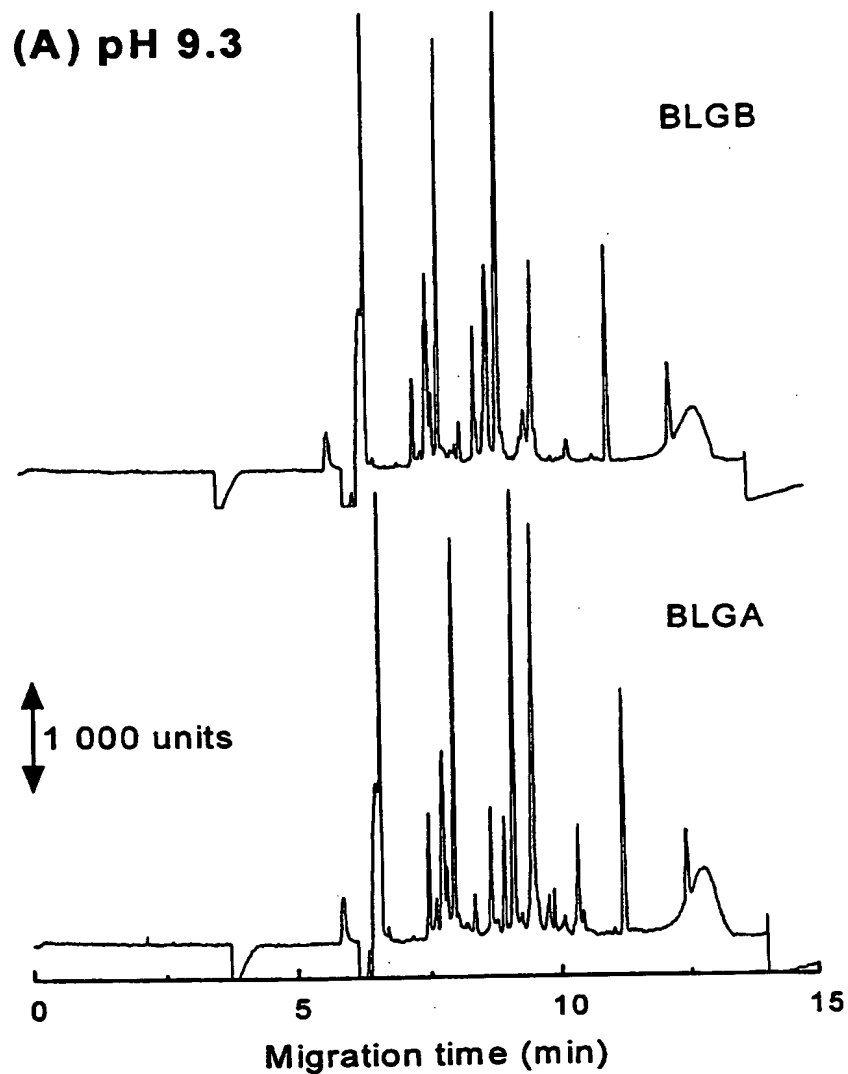


FIG. 15A

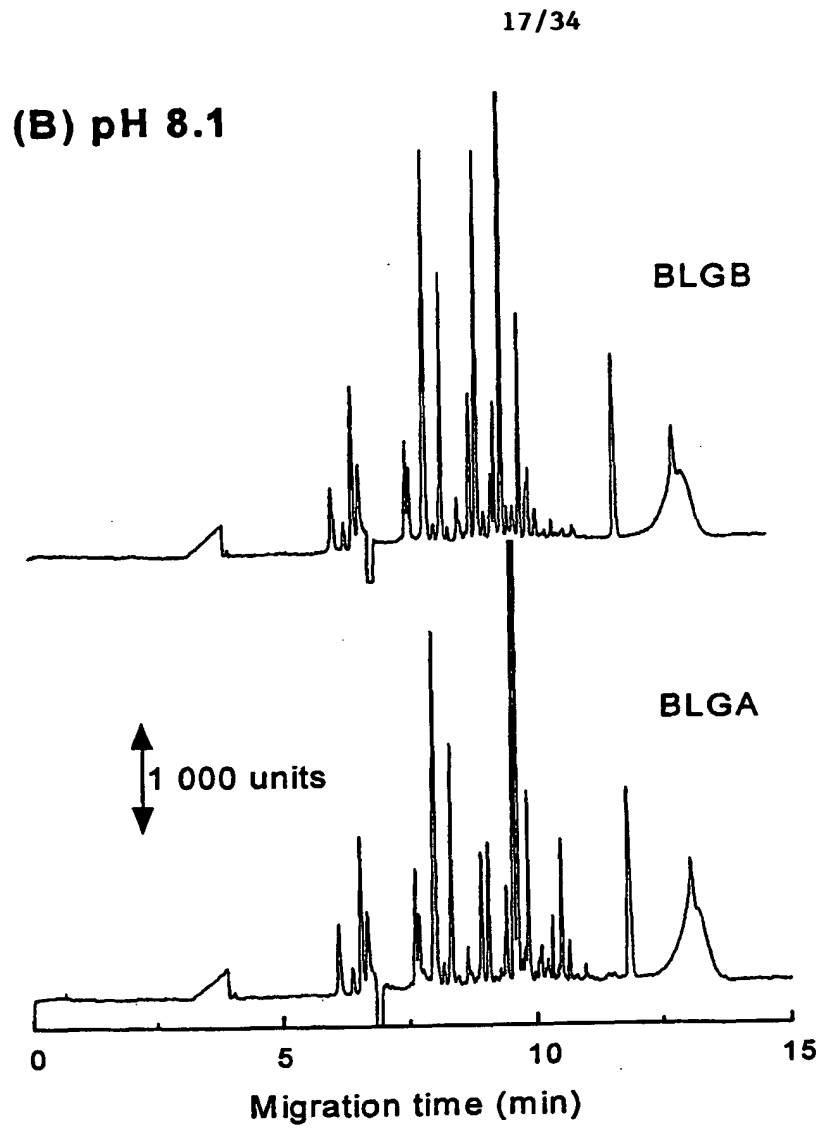


FIG. 15B

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(C) pH 5.0

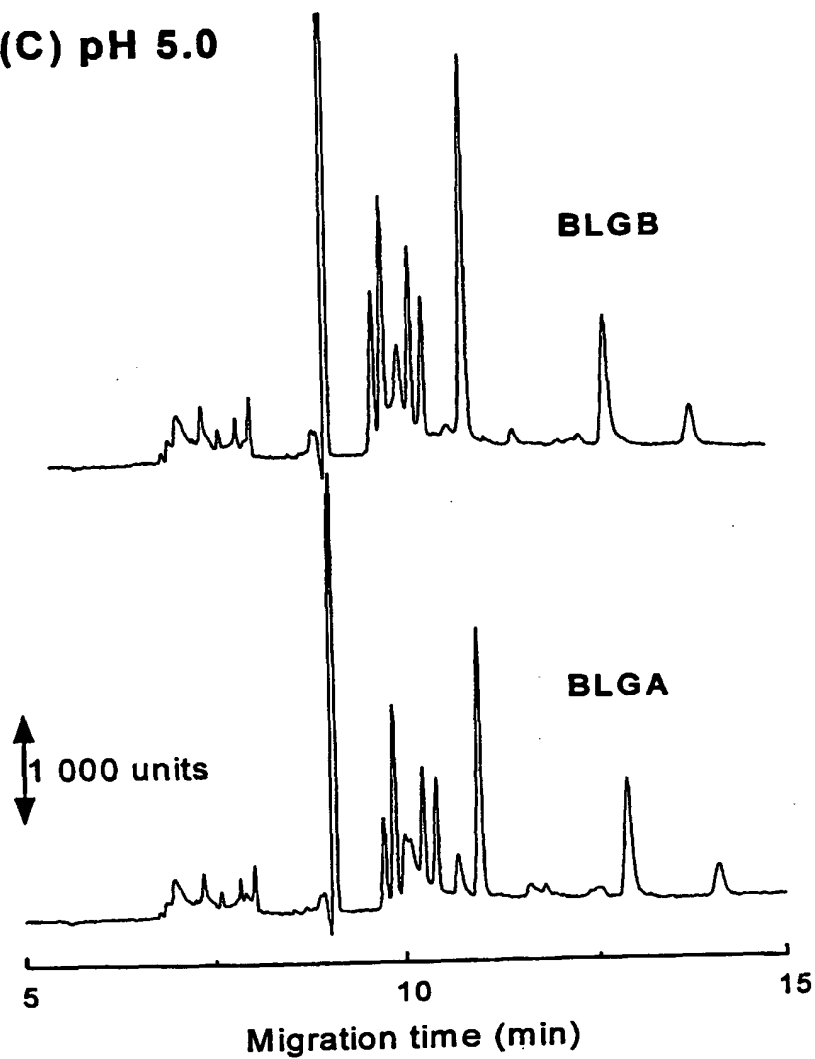


FIG. 15C

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(D) pH 2.5

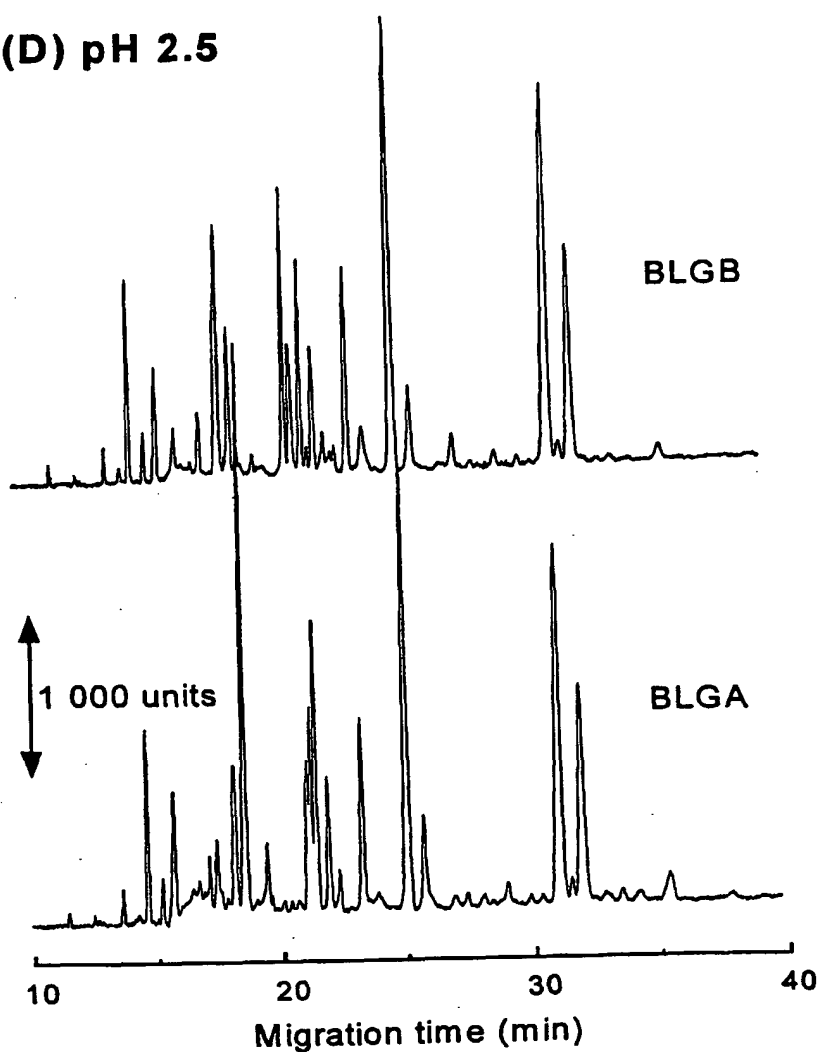


FIG. 15D

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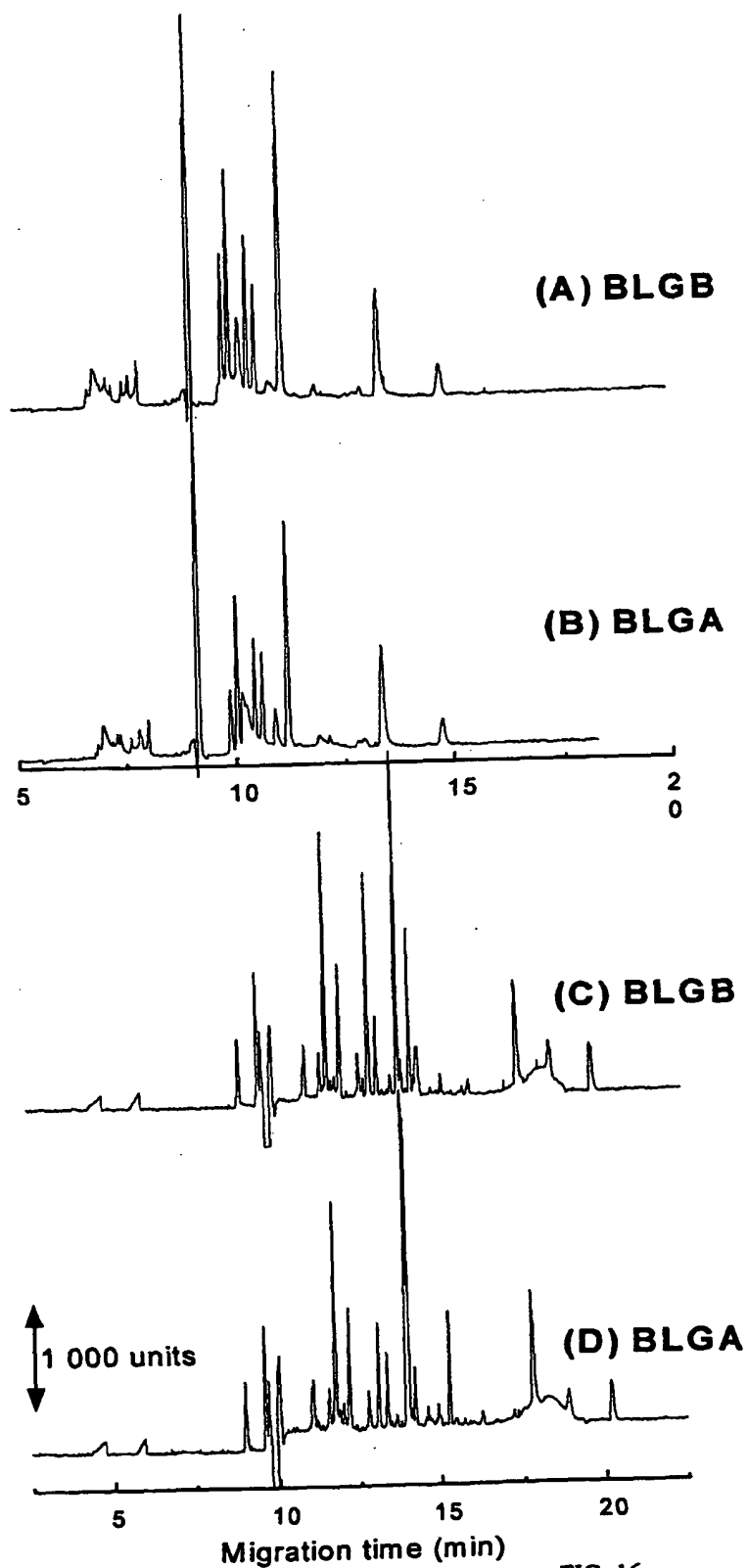


FIG. 16

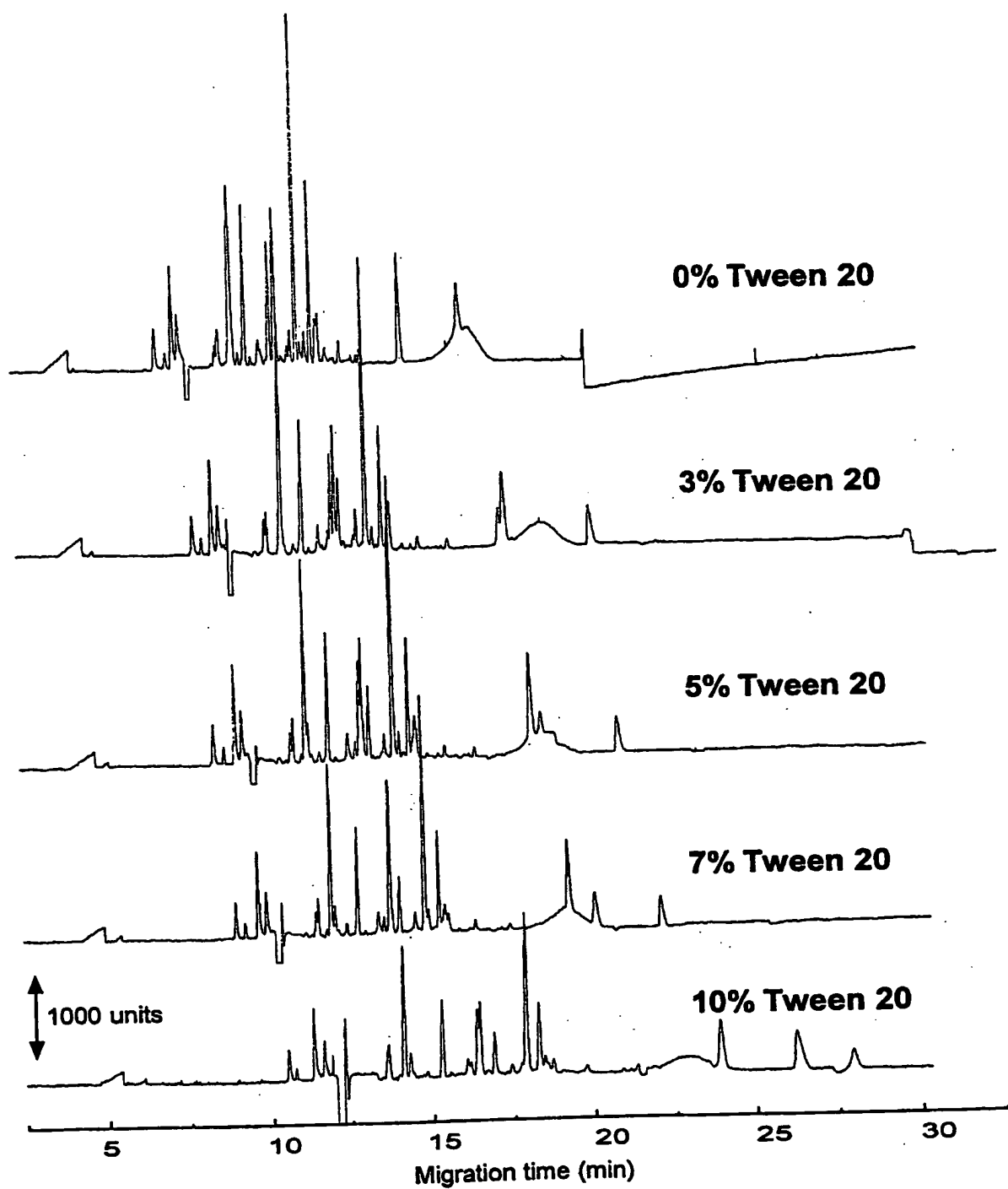


FIG. 17

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Electrokinetic Injection Results

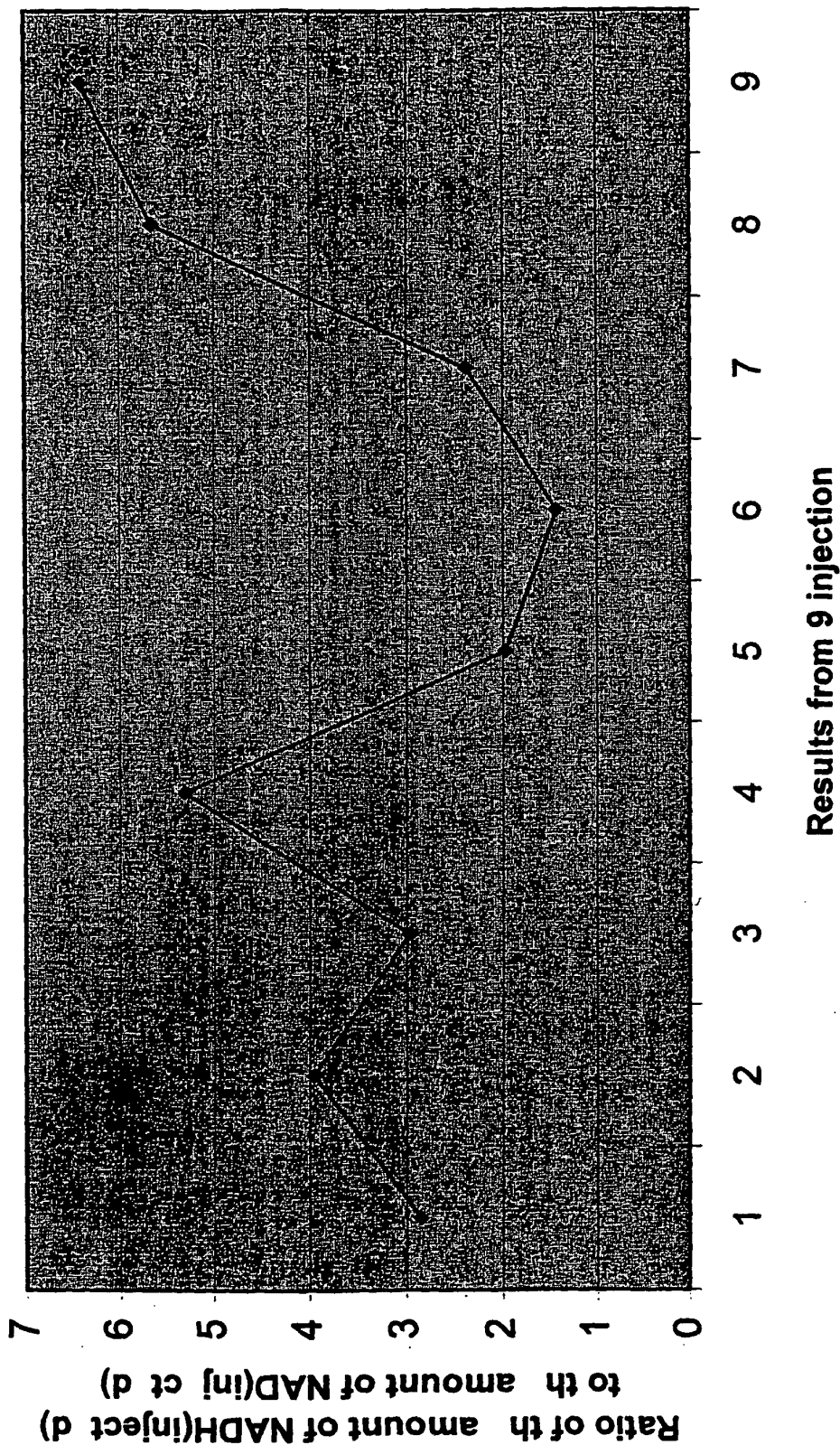
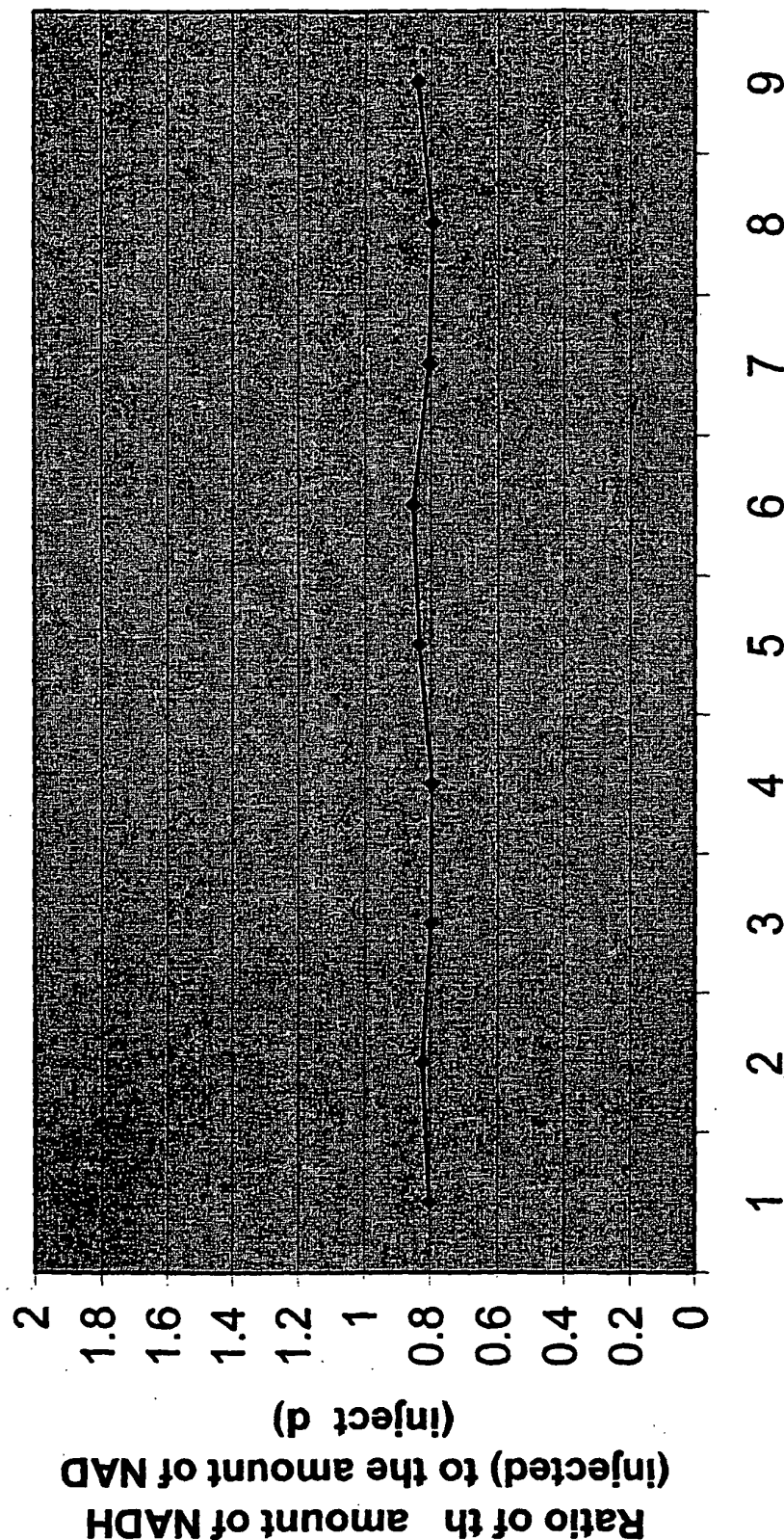


FIG. 18A

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Hydrodynamic Injection Results



Results of 9 Injections

FIG. 18B

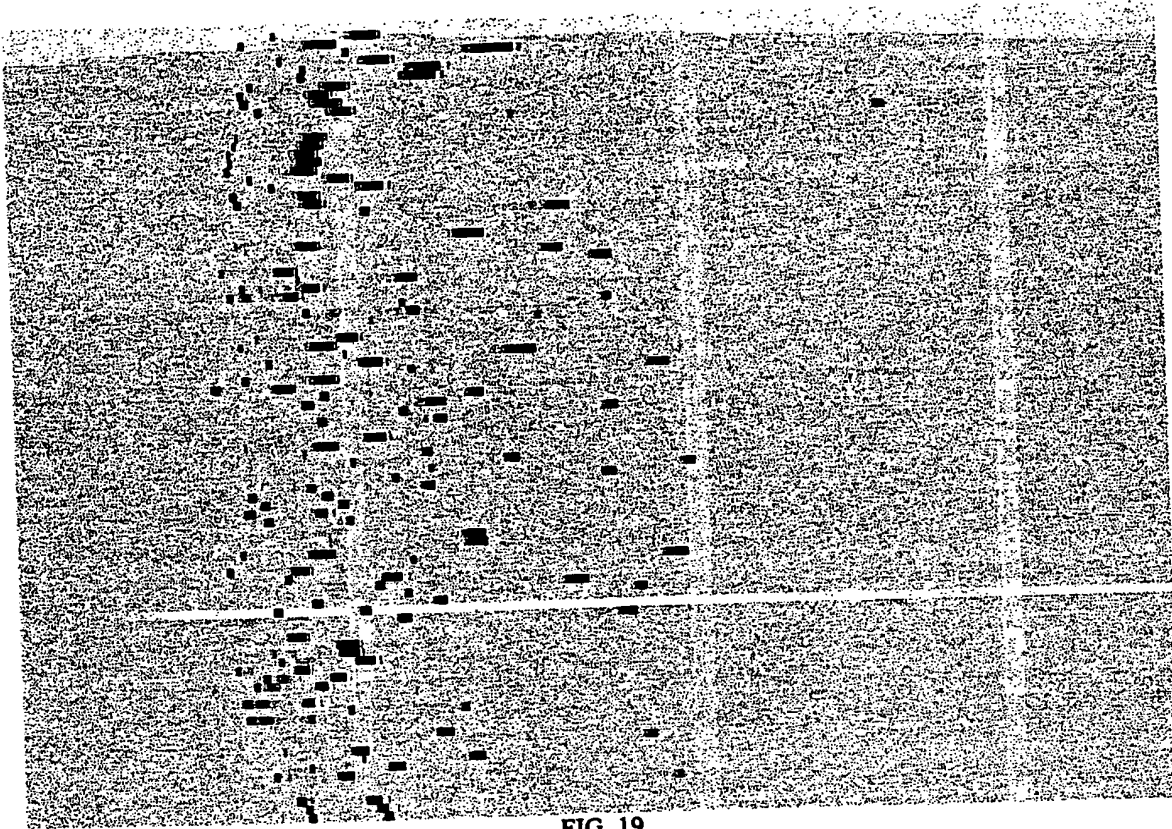


FIG. 19

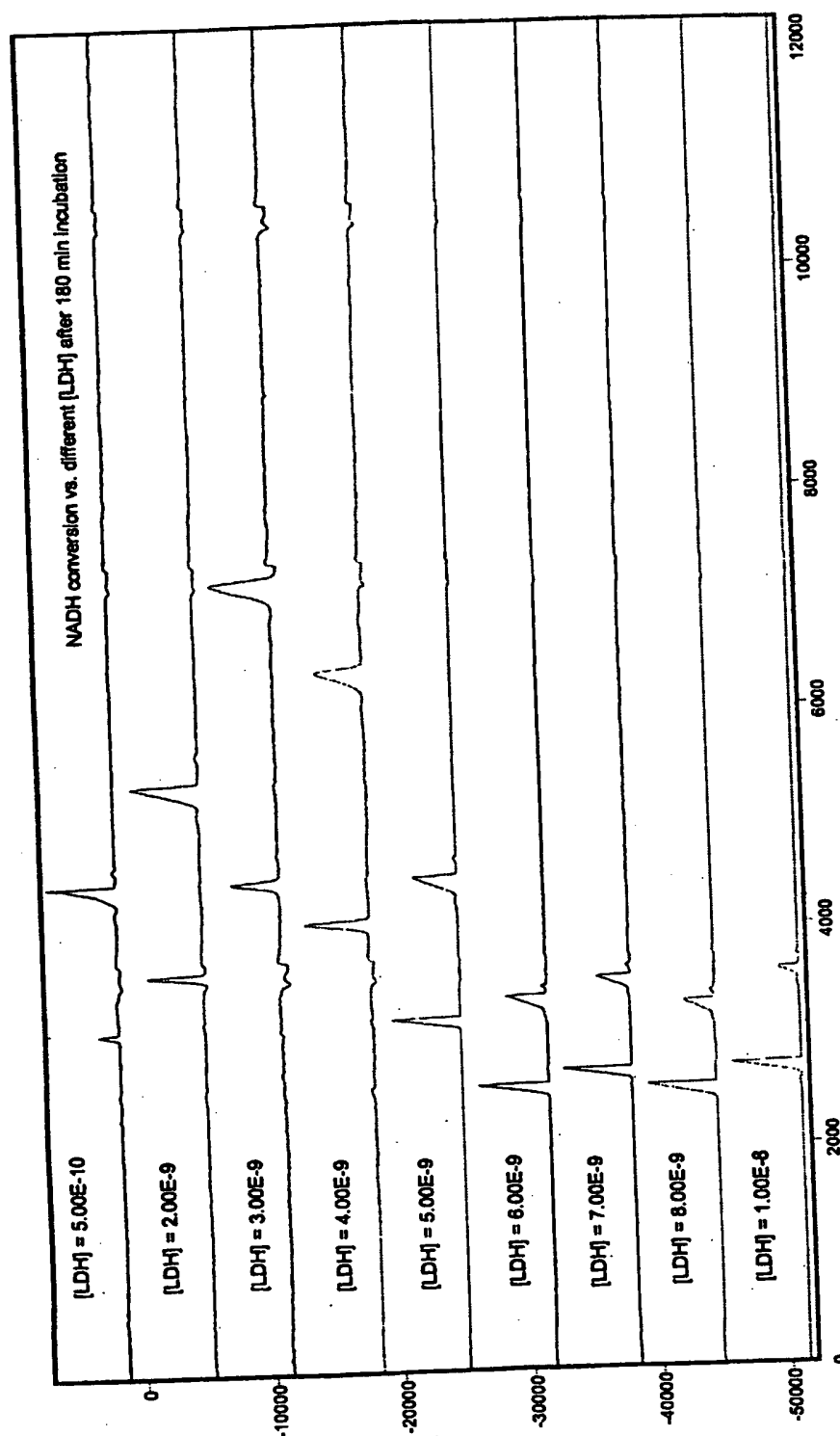
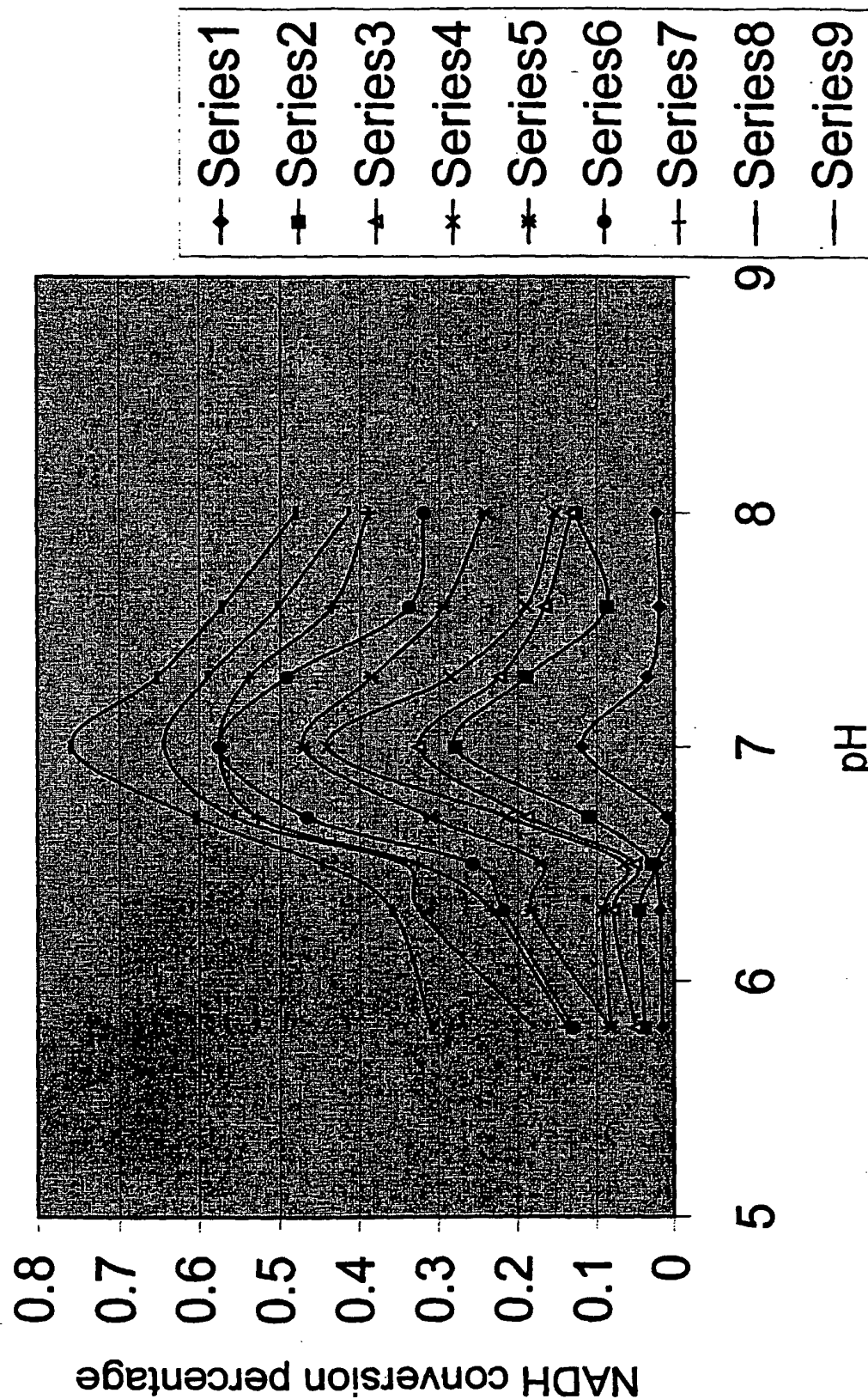


FIG. 20

FIG. 21

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180 min incubation result



pH

FIG. 22

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LDH catalysis curve (30 min)

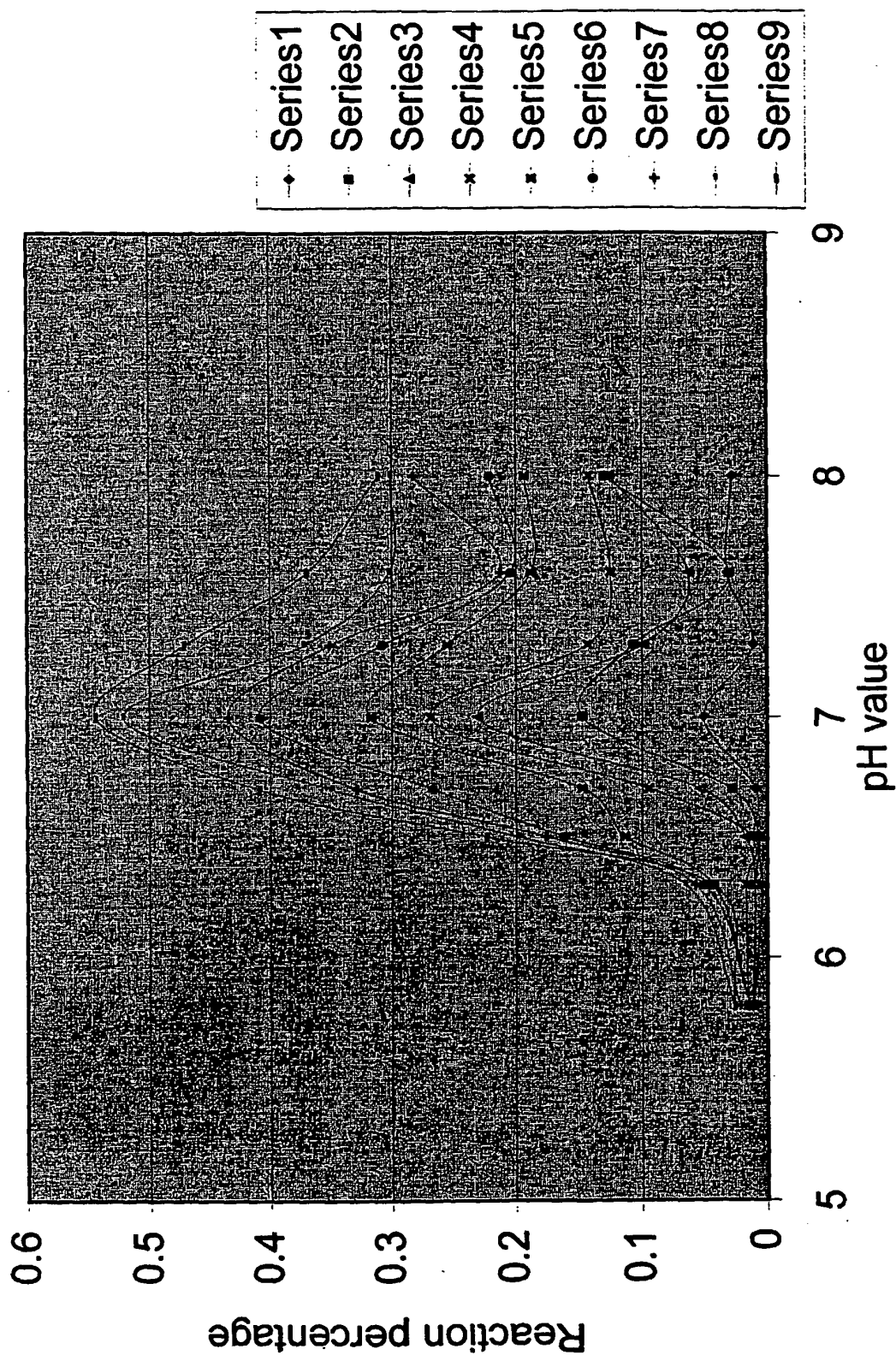


FIG. 23

LDH catalysis curve (24 hour)

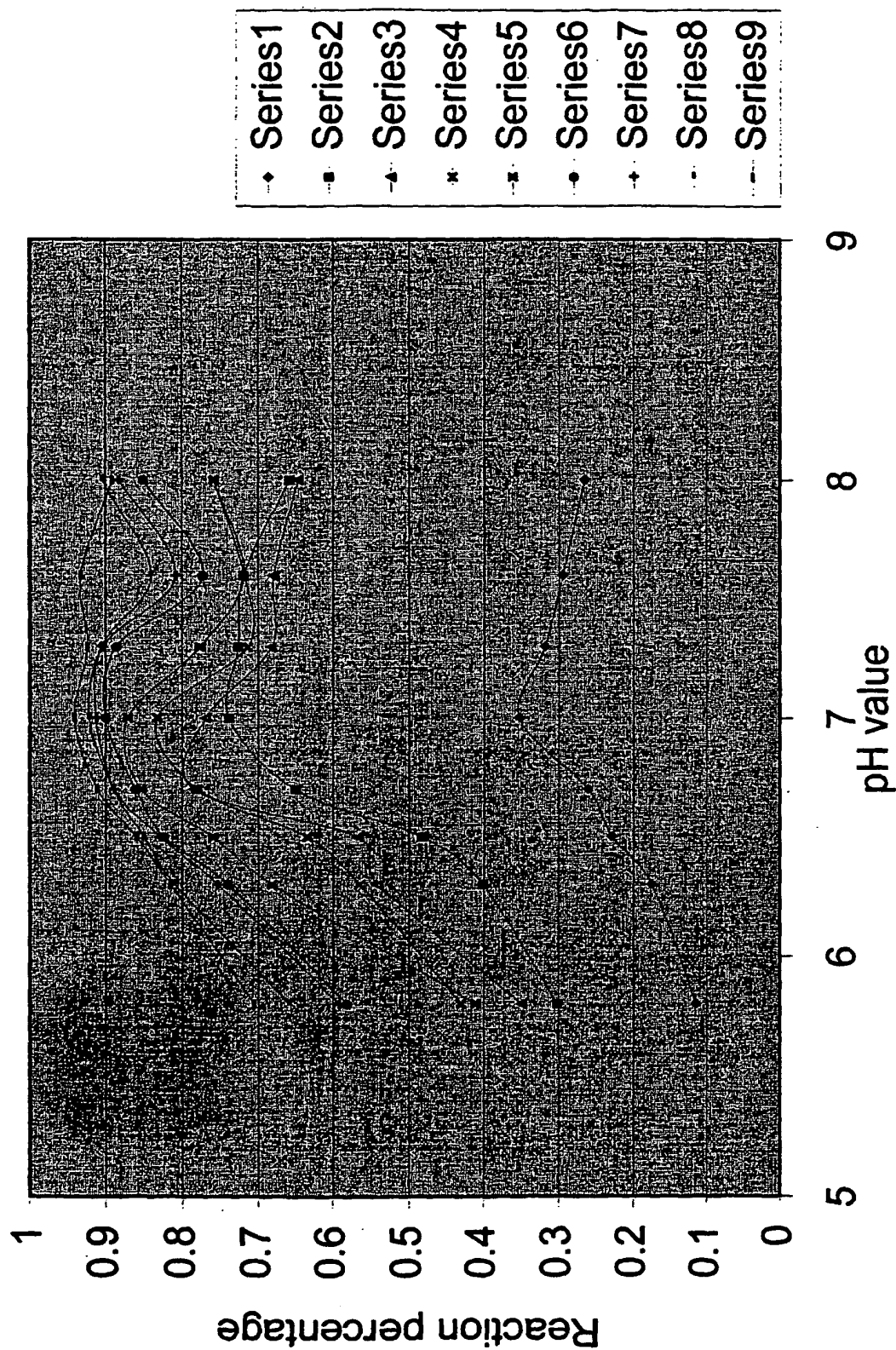


FIG. 24

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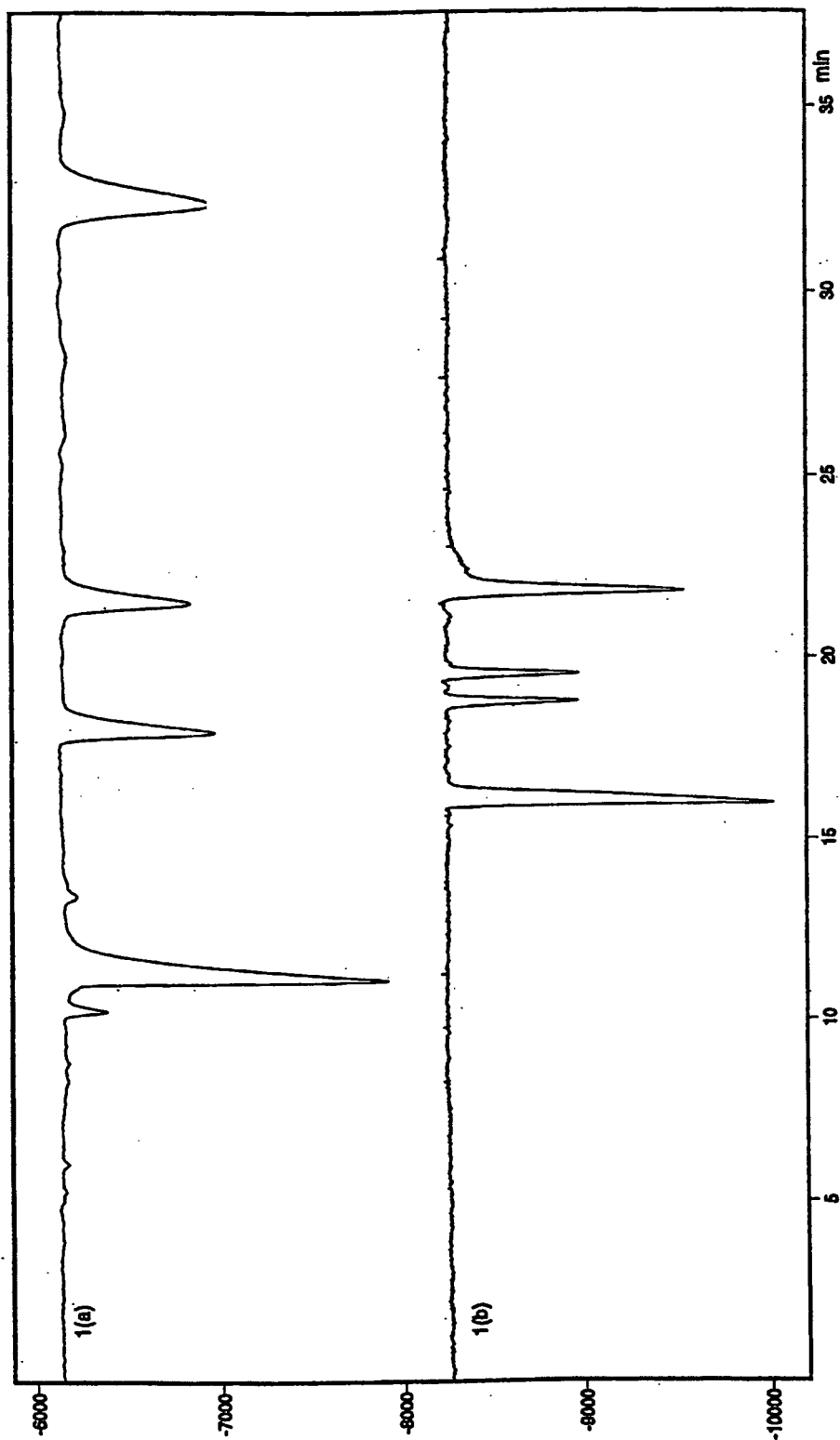


FIG. 25

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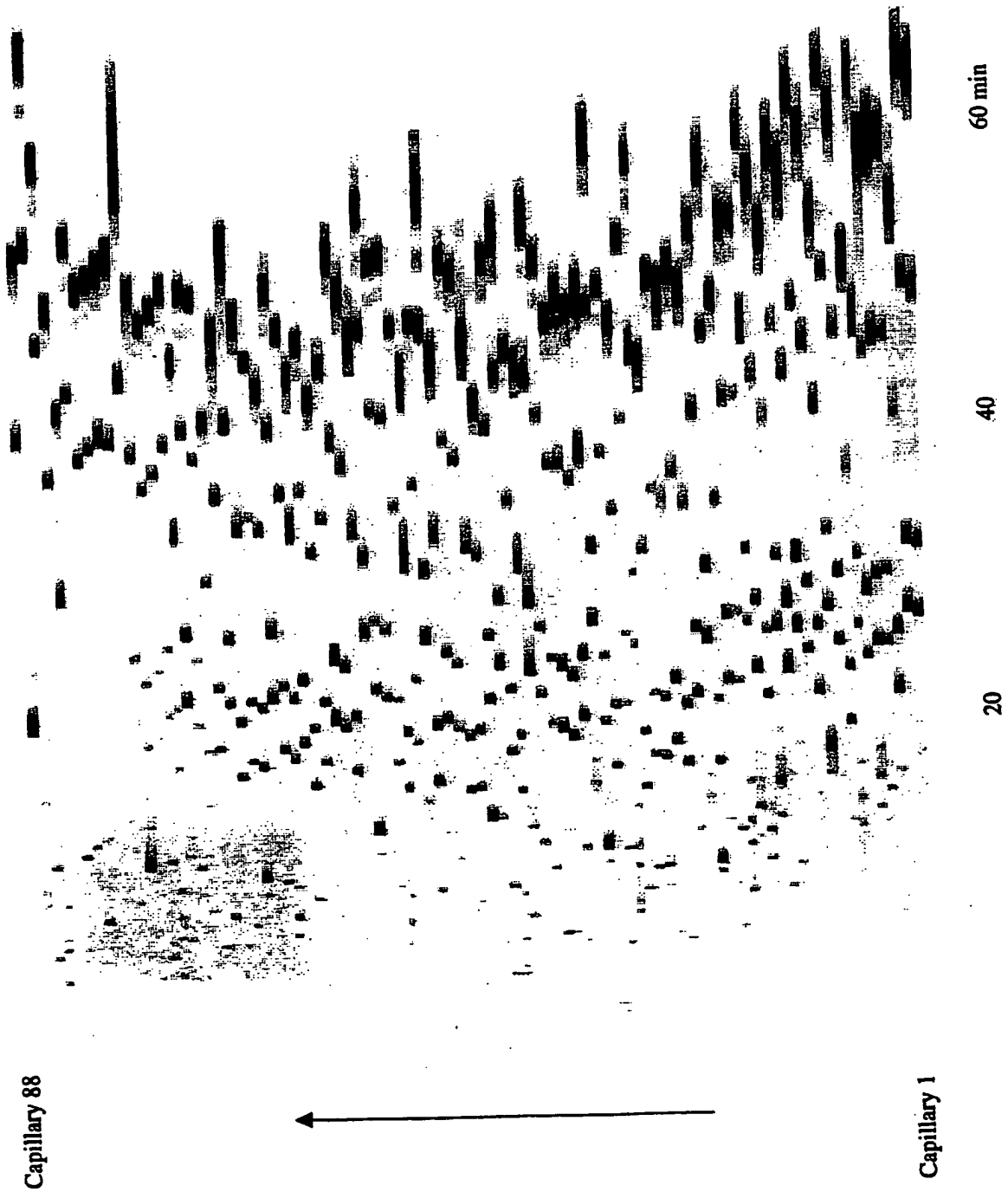


FIG. 26

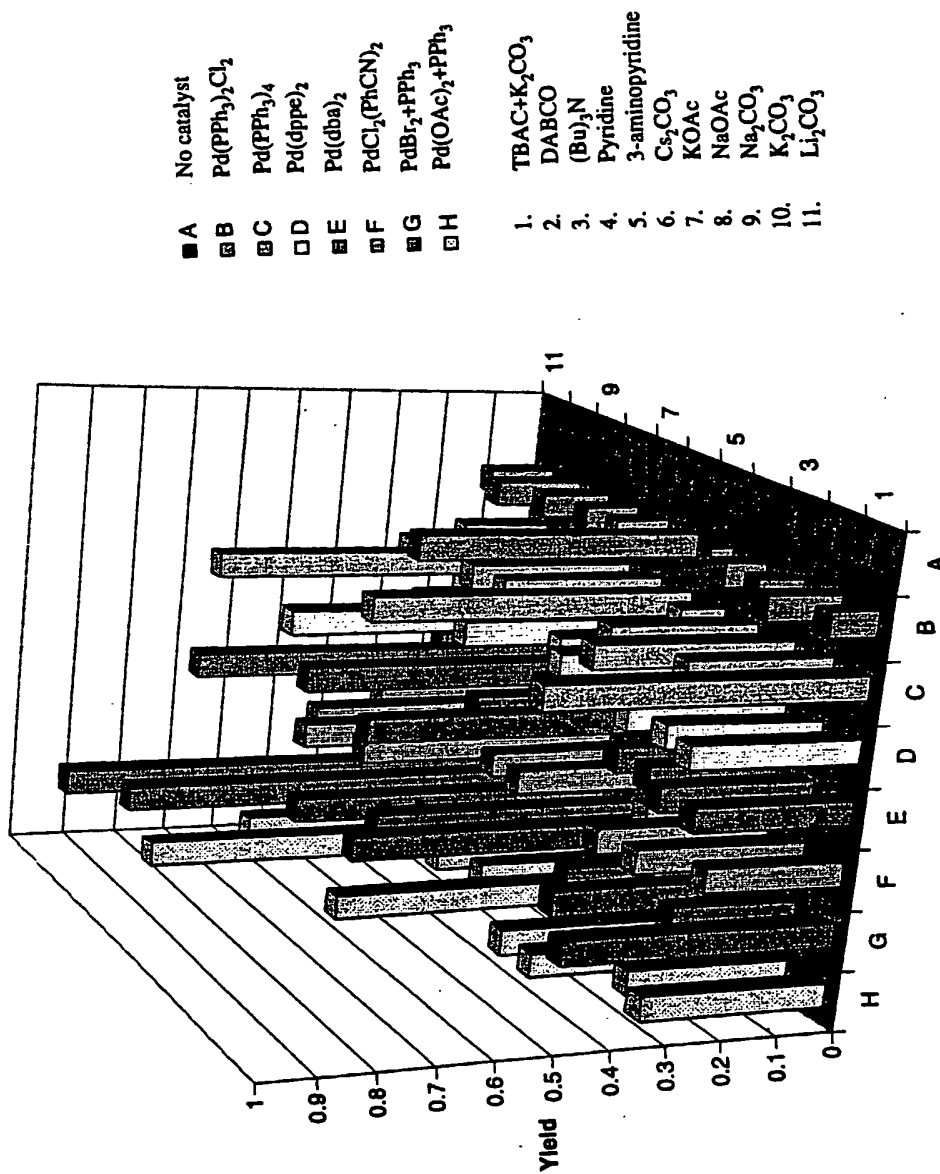


FIG. 27

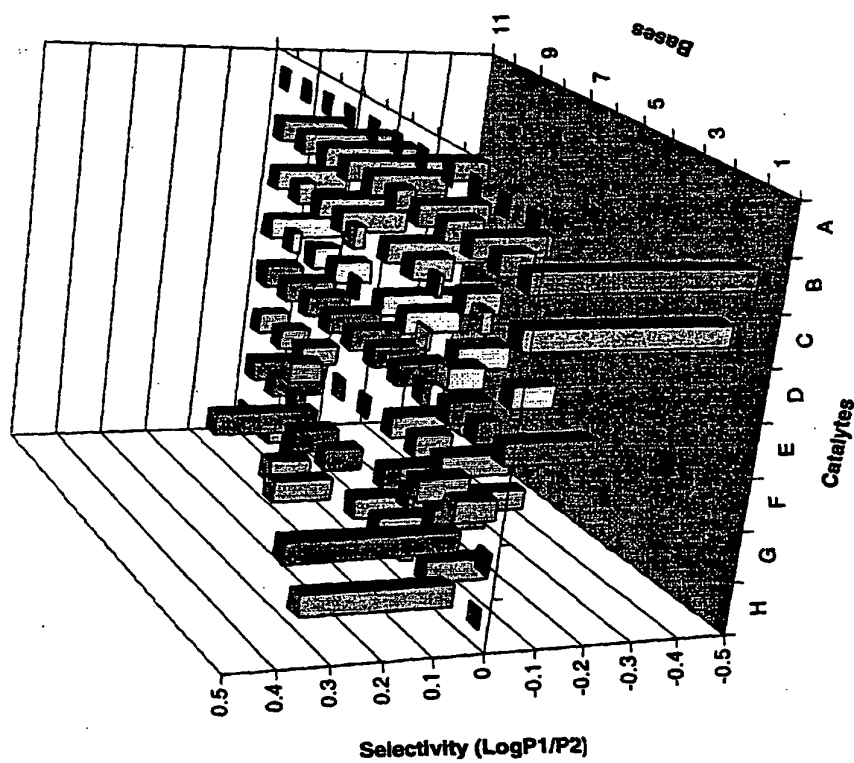


FIG. 28

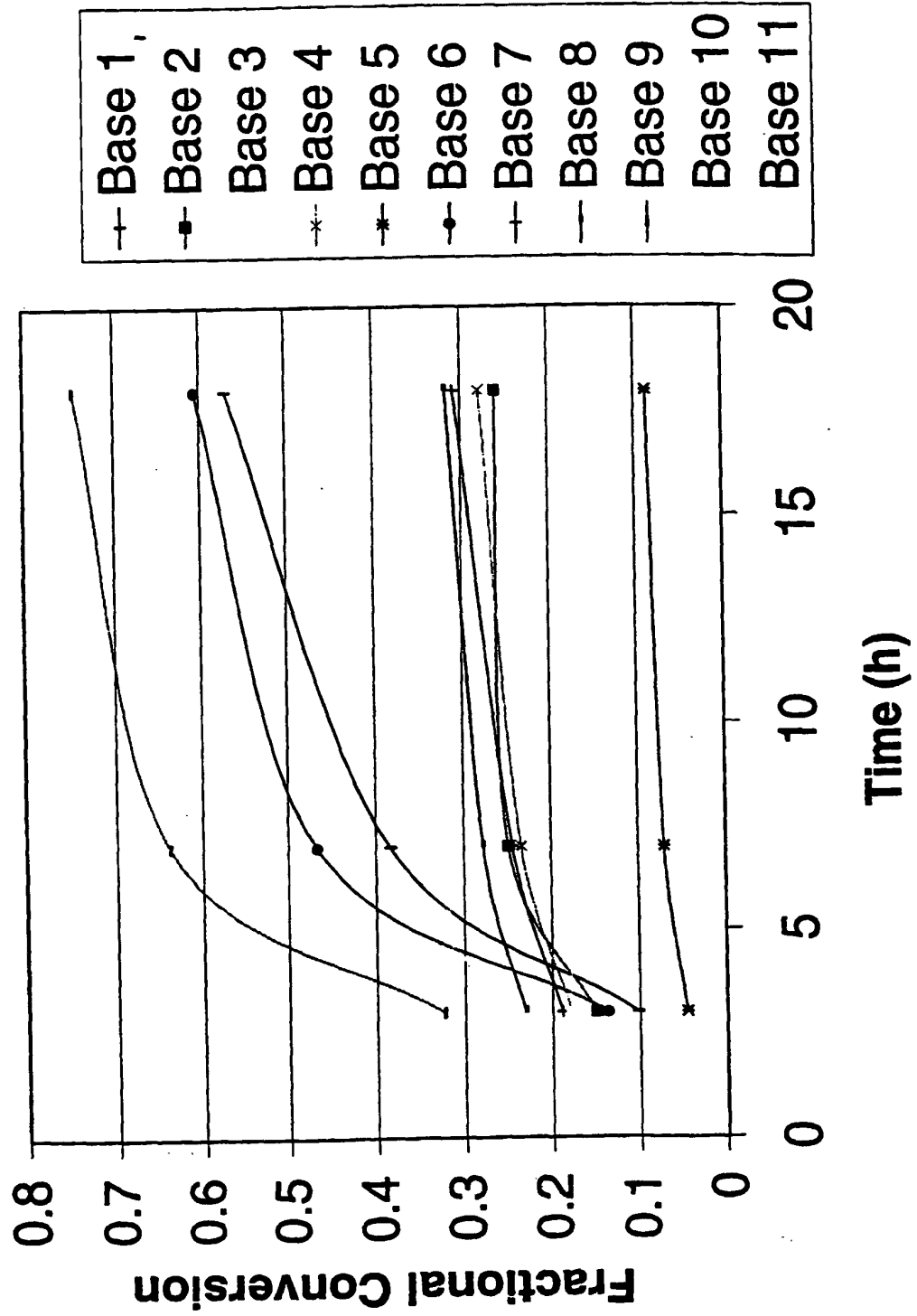


FIG. 29